

# MARITIME HERITAGE MINNESOTA



CLEAN  
WATER  
LAND &  
LEGACY  
AMENDMENT

ANN MERRIMAN

CHRISTOPHER OLSON

## Log Books 15-16 of the USS Essex

June 10, 1883 - December 16, 1883

The Day-to-Day Operations of Shipbuilder Donald  
McKay's Last Ship



© 2018 Maritime Heritage Minnesota, Ann Merriman, Christopher Olson

# USS *Essex* Log Books 15-16

## Finding Aid

*Adams* class ship USS *Essex* (IX-10) was designed and constructed by premier North American shipwright Donald McKay. Her keel was laid down in 1874 and she was launched in 1876. She was a three-decked wooden screw steamer sloop-of-war with auxiliary sail (bark-rigged). She was 185 feet long, 35 feet in the beam, had a 14.25-foot draft, and was 1,375 tons. When commissioned, she carried six big guns, all muzzle loaders: one XI-inch and four IX-inch Dahlgren Naval Artillery guns, and one 60-pound Parrott Rifle. The ship's armory carried dozens of small arms including rifles, pistols, revolvers, and cutlasses. Further, she carried a six auxiliary boats including a launch, two cutters, a whale boat, one gig, and a dinghy. The combinations of guns and watercraft carried on board USS *Essex* could change from log book to log book. She served with the US Navy in active duty and as a training ship with the Ohio Naval Militia, the Illinois Naval Militia, and the Minnesota Naval Militia. She was intentionally burned on Minnesota Point in Lake Superior at Duluth in 1931. Her Minnesota Archaeological Site Number is 21-SL-1030 and she is a National Register of Historic Places Property.

Maritime Heritage Minnesota digitized the 62 known USS *Essex* log books held at the National Archives in Washington, DC, and at the US Naval Academy in Annapolis in 2010. The log books consist of the daily activities on board the *Essex* as recorded by deck officers on duty. Those deck notes were then transcribed to be the official log of the *Essex* that were sent to the Navy Department in Washington, DC, where they were bound into their current book form. At the beginning of most log books, there are: a title page, two list of officers pages, a crew complement page (listing the crew by rank and job), an armaments page (list of the different large guns, boats, and small arms), and two pages of compass observations. Not all log books contain these pages and some include additional information, including a plan and section of the *Essex* in Log Books 8 and 9 and four pages of directions on how to fill out log pages in Log Book 21. Sometimes two transcribed versions of log pages were sent to the Navy Department and duplicate books were produced. However, sometimes the duplicate books were not bound with exactly the same pages, so some books overlap each other in date. Also, some log book pages have writing too close to its spine edge and after binding, some words and numbers were 'lost' in the spine if the binding remained tight over the decades. Further, it must be kept in mind that the names of ships, both American and foreign, as well as geographical locations usually expressed in different languages will have variations in spelling. With this in mind, the deck officers of the *Essex*, when writing the log pages, may misunderstand what the actual name of a ship or geographical marker actually is and their handwriting may present challenges or be nearly illegible. The digitization and editing of the USS *Essex* log books were made possible with funding provided by the Minnesota Historical and Cultural Heritage Grant

program, part of the Arts and Cultural Heritage Fund of the Clean Water, Land and Legacy Amendment.

### **Log Books 15-16 of the USS *Essex*: June 10, 1883 - December 16, 1883**

The National Archives houses USS *Essex* Log Books 15 and 16, near duplicates of each other; one begins in May and ends in November, while the other begins in June and ends in December. Throughout Log Books 15 and 16, comments were made on:

- sail adjustments with sail type and action specified
- banking of boiler fires in order to put the ship on stand-by for immediate use
- coupling and uncoupling the propellor when the ship was shifting from steam to sail and *vice-versa*
- when under steam the different watches record the average steam boiler pressure and engine revolutions
- lowering of smokestack and proceeded under sail and *vice-versa* when the *Essex* was underway
- when anchored nearly every watch described the state of the anchor cables: crossed ('cross in hawse, stbd chain on top' or 'Elbow in hawse') and often will mention 'clearing the hawse' (the crossed anchor cables were uncrossed)
- casting deep sea lead for soundings
- swinging the ship to test for compass deviation
- patent log readings
- water distillation using the ship's boilers to produce freshwater and refilling the freshwater tanks
- coaling of the ship
- weather recording: temperature, wind speed and direction, barometer readings, state of the sea
- recording the ship's behavior (heavy rolling or pitching)
- crew conducting ship maintenance: engine maintenance/repair, general ship cleaning, bilge cleaning and checking pumps, scraping and painting - and sometimes tarring and caulking - the ship's hull and infrastructure, caulking the decks, tarring down rigging, airing of rigging, repairing stays, repairing yards and booms, loosed sails to dry, scraping and slushing spars, steam cutter maintenance/repair
- crew conducting drills: furling and unfurling sails, target practice with the main battery (great guns), floating target practice,
- cadet/apprentice drills: heaving the lead drills
- receiving fresh water from shore through pumps or lighter
- receiving provisions and stores: food, medical supplies, clothing, engineering gear, construction
- Quarterly Board of Survey's findings of condemned articles on board (food, equipment) and their fate (food was usually tossed overboard) from the inventories of the different ship's departments (Ordnance, Engineering, Navigation, Equipment, Medical, Pay)
- crew promotions

- crew quarters inspection
- liberty parties sent ashore
- lists of new crew members - recruits or transfers from other ships- taken on board during a cruise
- crew transfers to other ships
- crew members in solitary confinement or other punishments for various infractions, AWOL crew, general and summary court martial proceedings, AWOL crew put in irons
- rewards offered for the return of AWOL crewmen
- Sunday services after the reading of the Articles for Better Government of the Navy

**NOTE: The *Essex* deck officers who recorded the daily happenings on the ship often translated the names of non-American ships incorrectly. MHM determined the correct spellings of the ships and those corrections are reflected in the Finding Aid, not the poorly transliterated ship names.**

At the beginning of Log Books 15 and 16, in mid-June 1883, the USS *Essex* was in transit under sail between Callao Bay, Peru and Honolulu, Sandwich Islands under Commander Alexander H. McCormick. *Essex* was assigned to serve in the US Asiatic Squadron. From June 10 and for the next week, the ship's crew drilled with small arms and at the great guns for target practice and went through general quarters drills. On June 16 and 17, *Essex* passed Mauna Kea, Molokai, and Maui Islands of the Sandwich Islands. On June 18, the crew sighted Oahu Island and lost sight of Malokai Light, and anchored in Honolulu. *Essex* exchanged signals with the sloop-of-war Flagship USS *Hartford* at anchor in the harbor and received visits from the US Consul based in Honolulu and an officer from the French corvette *Éclaireur*. Also, the *Essex* crew dressed the ship in honor of the birthday of King Kamahameha I and sent liberty parties ashore.. The next day, USS *Hartford* left her anchorage for sea, along with 5 local steamers, a barque, and a schooner. On June 20, Commander McCormick and his officers left *Essex* to attend a reception in their honor hosted by King Kalākaua. For the next 5 days, the *Essex* crew was engaged in scraping the ship and painting her spars. Further, men who were AWOL were returned to the ship and monetary rewards were paid for their return.

On June 25, Hawaiian Prime Minister Walter Murray Gibson and American Minister Rollin M. Daggett visited *Essex*. Commander McCormick and his officers attended a concert given in their honor in Honolulu. Meanwhile, four small island steamers left Honolulu harbor. On June 26, Hawai'i's General/Royal Governor of Oahu John Owen Dominis and Minister John Makini Kapena boarded *Essex* for a visit. Also, the British, Portuguese, and French Commissioners paid a visit to the ship. Interestingly, a deserter (John Davidson) from USS *Hartford* came aboard *Essex* and attempted to re-enlist in the Engineering Department. Commander McCormick ordered the man be placed under the charge of the sentry as a prisoner at large. On June 28, the crew spotted a fire on shore and sent two of *Essex*'s boats to assist in fighting the blaze. The remainder of June saw ship maintenance, crew drills, and the promotion of nine Ordinary Seamen 2nd class to Ordinary Seaman.

On July 1, 1883, *Essex* officers boarded the American brigantine *Consuelo* that had arrived from San Francisco, CA. The next day, the mail steamer *City of Sydney* (spelled *Sidney*) came in from Australia and an *Essex* representative went aboard. Later, Commander McCormick sent Pinkerton Detective H. G. Julian and his prisoner, Fred M. Ker, from *Essex* to the mail steamer *City of Sydney* for passage back to the US\*. On July 3, a Japanese man-of-war entered the harbor and an *Essex* officer visited her, while the American barque *Stillman B. Allen* left harbor; she and *Essex* exchanged courtesies as she went to sea. As was customary, the crew dressed USS *Essex* on July 4 for Independence Day and Commander McCormick allowed liberty parties ashore to assist in the celebrations. The Japanese man-of-war also dressed for the day and her crew made a fireworks display in the evening. German barque *Harmodius* went to sea. During the next four days, *Essex* sent an officer to the Japanese warship to thank them for participating in the Independence Day celebrations and crewman Robert Henry reportedly escaped the ship while under a sentry's charge but was returned by police and they received a reward. The American schooner *Claus Sprickles* anchored at Honolulu and *Essex* took on mail from the US from British steamer *Zealandia*.

On July 8, USS *Essex* left Honolulu harbor and headed northwest toward Yokohama, Japan, passing Honolulu Light along the way. Some crewmen repaired the packing around one of the starboard side dead lights (a form of sky light to illuminate lower decks) on the berth deck. Over the next several days, *Essex* proceeded under sail, switching to steam propulsion to swing the ship for compass deviation. However, at one point the vessel completed the maneuver under sail due to an accident in coupling the propellor. The ship's Board of Survey condemned rotten provisions and the crew were exercised on managing various sail configurations. The *Essex* crew did not experience Wednesday, July 18 because "Having crossed the 180th meridian, find ourselves transferred from Tuesday to Thursday." The remainder of July was spent conducting Gunnery practice at floating target while under steam, inspections by Commander McCormick, ship maintenance and cleaning, and other crew drills.

The first eight days of August 1883 found *Essex* still moving northwest toward Yokohama, Japan, consistently regularly the ship while under steam to determine any compass deviation. On August 9, a surface blow pipe on one boiler burst and on the next day, *Essex* passed Mikuro and Wiaka Islands and passed No Sima Light in the evening. On August 11, the ship entered Yeddo Bay (now called Tokyo Bay) and sighted sloop Flagship USS *Richmond* at anchor. *Essex* anchored in Yokohama Harbor and exchanged signals using maritime code with *Richmond*. On August 14 *Essex* was visited by Captain Joseph S. "Sailor Joe" Skerrett, USN Chief of Staff of the Pacific Station and Commanding Officer of Flagship USS *Richmond*. British steamers *Cushgar* and *Arabic* anchored in Yokohama. The next day, American ship *Normandy* came into the port and an *Essex* officer was sent to visit her, while Commander McCormick visited *Richmond*. On August 16, six men were transferred from the USS *Richmond* to serve on the *Essex*. Another two men enlisted to serve on the ship; they were discharged honorably from sidewheel gunboat USS *Monocacy*, on station in Corea (Korea). A Japanese mail steamer anchored in the harbor. The next day, *Essex* officers boarded the American ship *Antelope* out of Boston and a Japanese government steamer arrived

in port. On August 18 the English steamer *Arabic* left for San Francisco and three days later, three Japanese men enlisted as Landsmen for special service on USS *Essex*.

Between August 22-24, *Essex* received on board both men and stores destined for USS *Monocacy*, including Commander Francis J. Higginson; he would take command of *Monocacy* upon arriving in Corea. Rear Admiral Peirce Crosby, Commander of the Asiatic Squadron, visited *Essex* accompanied by his staff. On August 25, *Essex* left Yokahama harbor heading for Nagasaki, Japan, passing Sama Shiba and Rock Island Lights along the way. Over the next four days, *Essex* passed Omal Saki and O Sima Lights, and slowed down and stopped steaming temporarily due to a hot journal - a section of the crankshaft. *Essex* also changed course several times to avoid fishing junks. The ship passed Tomaugai Sima Light and entered the Strait of Akashi No Seto. *Essex* crewmen spotted a waterlogged Japanese junk and set out to render assistance; they were waved off when a native junk appeared. *Essex* passed Nabal Sima Light and anchored for the night in the Strait of Akashi No Seto. The ship up anchored and entered the Inland Sea, exchanged civilities with a Japanese steamer, and anchored near Himi Sima Island in the evening. The next morning, *Essex* raised anchor and continued through the Inland Sea; she passed Isaki Lighthouse and the Ai Sima buoy, anchoring off Nacoya. In the morning of August 30, *Essex* anchored in Nagasaki Harbor and received visits from the US Consul and the Japanese Flagship. Commander McCormick sent an officer to the Japanese flagship to extend thanks, and sent his officers to visit other American ships in the harbor. On August 31, the Russian man-of-war *Mobkd* anchored and *Essex* sent an officer sent to tender usual civilities. Commander McCormick left the ship to pay official calls and *Essex* received an official visit from Commanding Officer of the Japanese flagship.

On September 1, 1883, Commander McCormick went ashore for official business, three crewmen received promotions, and the work crew was caulking the deck under galley. The next day, the Marine Guard organized a parade in honor of Sir Harry Parkes, the English minister to China. Sir Parkes entered the port on a mail steamer. An *Essex* officer was sent to the British steamer *Claymore* and expressed concern that they had anchored too close to *Essex*. The Commanding Officer of *Claymore* insisted his ship was far enough away, and regardless, they can shift anchorage quickly if the situation called for it.. Later, during that same watch, the situation did call for *Claymore* to shift anchorage. On September 3, after coaling the ship, *Essex* received an official visit from governor of Nagasaki and the Commanding Officer of the Japanese gunboats in the harbor; sidewheel dispatch ship HMS *Vigilant* anchored late in the evening.

On September 4, the crew had an accident while raising the topmasts. The fore topgallant mast slipped in its lashings and fell to the deck; it caused damage to the ship's smokestack and the topmast. Further, a crewman's right foot was injured, although the ship's doctor determined it was not broken. An *Essex* officer was sent to extend courtesies to HMS *Vigilant*, and the Commanding Officer of *Vigilant* visited the ship. The next day, *Essex* received a new topgallant mast on board and accept more stores and supplies destined for USS *Monocacy* in Corea. Also, Commander McCormick made an official visit to *Vigilant*. On September 6, the order was given to

hoist the smokestack and start fires in six of the forward boilers in preparation for heading out to sea. *Essex* left Nagasaki Harbor headed to Roze Island, Corea. She passed Iwo Sima Light seen to the south. The crew took soundings and exercised the ship's apprentices in the procedure. In the process, a seven pound lead was lost overboard. *Essex* passed Cape Goto Light and in the next two days, they went by Lyme and Guerin Islands. By September 9, *Essex* stood up the Salee River and anchored off Roze Island, Corea. She received a visit from the temporary Commanding Officer of the USS *Monocacy*, Lt Commander A. J. Iverson, as well as officers of sloop HMS *Flying Fish* and a Japanese corvette. In the next three days, Commander McCormick visited USS *Monocacy* and the crew transferred a variety of stores to the ship. *Flying Fish* left the harbor and the Commanding Officer of the Japanese corvette visited *Essex*.

Commander F. J. Higginson left *Essex* on September 12 and took command of *Monocacy* to officially replace Commander Cotton, and the Japanese Consul visited the ship. Over the next 10 days, Commander McCormick ordered two crewmen put in double irons for being drunk and noisy on board the ship. Out-going mail was delivered to the Japanese corvette whose Commanding Officer offered to take it to Nagasaki. USS *Monocacy* and the Japanese corvette left Roze Island, a Japanese steamer from Nagasaki arrived and anchored, and *Essex* sent a supply of medicine to HMS *Flying Fish*. On September 23, the crew observed bright flashes of the Aurora Borealis to the northwest. A few days later, Japanese steamer *Chitose Maru* (Mitsu Bishi Steam Ship Company) arrived from Nagsaki and anchored at Roze Island. Commander Cotton left *Essex* to take passage on board the *Chitose Maru* since she would be returning to Nagasaki. The Japanese gunboat *Banjo-Kan* came to anchor, having come from Nagasaki. On September 27, Commander McCormick, the Paymaster, and two other officers left the ship to visit Seoul, Korea, and the Commanding Officer of a Japanese corvette (possibly *Chitose Maru*) paid a visit to *Essex*. Two days later, *Essex* returned a set of survey instruments to USS *Monocacy* and received five boxes of tubes and two iron boat davits from her. Acting Commanding Officer Lt. MacKenzie sent Ensign Dunn to Seoul with a message for Commander McCormick. Lt. MacKenzie paid an official visit to Japanese gunboat *Banjo-Kan*, the Commanding Officer of *Monocacy* visited *Essex*, and English steamer anchored of Roze Island. In the evening of September 30, Commander McCormick and his group returned from Seoul.

On October 1, 1883, *Essex* left her anchorage in the Salee River at Roze Island, Corea, and headed for Nagasaki, Japan. Using international maritime code, USS *Monocacy* signaled *Essex* and she signaled 'Farewell' to *Monocacy*, as she left. Heading down the Salee River, *Essex* passed Breton and Middle and Outer Nyoy/Nyow Island. The next day, *Essex* passed: Ross Island, Venancourt Rock, the Beaufort Islands, the Rocks of the Hydrographic Group, West Pinnacle Rock of the Craig Hornett group, Owlpart Island, and Tenpin Rocks. The *Essex* experienced a major engine breakdown on October 3 when the bolts on the strap on the low pressure crank pin were carried away, prompting the engineers to stop the engine quickly. The circulating pump bonnet had been knocked out, the lower piston rod and connecting rod were bent, and the upper piston rod was carried away at the cross head. The crew hauled the boiler fires and Commander McCormick ordered the crew to make sail. Moving under sail, the crew

sighted the Lotts islands and Osi Saki Lighthouse. Over the next two days, continuing on under sail, the crew spotted Nagasaki Lighthouse and anchored in outer Nagasaki Harbor, Japan. The anchor was dragging, so the crew let go the starboard anchor to secure the ship. The US Consul visited the *Essex* and then she was towed into Inner Nagasaki Harbor by a Japanese harbor tug. *Essex* received a visit by an officer from the German frigate *Leipzig*.

On October 6, also known as Payday, Commander McCormick made the expected official visits, while *Essex* was visited by an officer from a Japanese gunboat. The Commanding Officer of *Leipzig* made an official visit and his officers made a social call to *Essex*, and an English steamer entered and anchored in the harbor. Two days later, an *Essex* officer boarded the Mitsu Bishi Steam Ship Company vessel *Nagoya Maru*, steaming from Yokohama to Shanghai. On October 10, the Engineering Department sent some of the broken engine parts - the bent connecting rod, broken bonnets of the air pump and the cylinder - ashore to the machine shop for repair. The next day, three Japanese warships come to anchor and an *Essex* officer extended the usual courtesies and later, Commander McCormick visited all three ships. The *Leipzig* fired a salute to the Japanese warships and the Japanese gunboat *Seji* went to sea. On October 12, the Engineering Crew continued dismantling the damaged engine; they hoisted out both piston rods and the cross heads of the low pressure cylinder. However, when removing the forward piston rod, the port main burton (a two-block hoisting tackle) parted and it destroyed two plates of the engine room floor and four steps of the engine room ladder. Also, the Commanding Officers of the Japanese Squadron and a Japanese Rear Admiral visited the ship. Further, an AWOL crewman was brought back aboard *Essex* by Japanese police, and the crewman later escaped via a near-by sampan - a reward was offered for his return.

Over the next six days, HMS *Flying Fish*, HMS *Curacoa*, Russian gunboat *Tobol*, and a Mail steamer from Yokohama entered the harbor and anchored. *Essex* sent and received officers from the foreign ships, and the British, Russian, German, and Japanese ships returned the courtesies, including a visit from the Japanese flagship, the English Consul. A festival in Nagasaki (October 16) led the Japanese warships to display electric lights and fireworks set off on shore were enjoyed. *Essex* crewmen were busy calking the ship's deck and HMS *Curacoa* went to sea. On October 19, an astonishing 47 caulkers were at work on deck and Commander McCormick paid official visits to the Russian and Japanese ships, while a mail steamer anchored at Nagasaki. Over the next four days, the Japanese Squadron and *Leipzig* left the harbor. The Japanese gunboat *Banjo-Kan* entered the port and anchored; visits were exchanged and a Japanese mail steamer from Yokohama and a small English steamer anchored in the harbor. On October 25, crewman Thomas McClellan jumped overboard and crew George Hittinger jumped in after him with a rope and successfully rescued him; McClellan was put in foot irons for 'safe keeping'. The next day, *Essex* signaled iron gunboat USS *Palos* for a surgeon to be dispatched to conduct a medical survey on McClellan. A mail steamer anchored; McClellan was sent aboard for transport to the hospital in Yokohama. Over the next few days until the end of the month, visits were exchanged with USS *Palos* and the Yokohama mail steamer left harbor with McClellan

on board. USS *Monocacy* entered Nagasaki harbor and anchored; she later entered the drydock and courtesy visits were exchanged.

In the first week of November 1883, USS *Pensacola*, French gunboat *Volta*, and the Yokohama mail steamer (*Essex* received mail) anchored in Nagasaki Harbor. *Pensacola* and *Essex* swap some crewmen and the usual courtesies are exchanged between the ships in port. USS *Monocacy* left drydock and the Japanese gunboat *Banjo-Kan* was illuminated ship and she displayed fireworks after dark. USS *Pensacola*, the *Volta*, USS *Palos*, and the Japanese men-of-war left the harbor. *Monocacy* shot a 7-gun salute with the British flag at the fore in commemoration of Guy Folkes Day, and a Peninsular and Oriental Steam Navigation Company vessel on the Yokohama to Hong Kong route anchored in the harbor. From November 8-12, two *Essex* crewmen were placed in irons to await trial by Summary Court Martial, and dispatch ship HMS *Vigilant*, sloop HMS *Albatross*, and ironclad HMS *Audacious* arrived in Nagasaki Harbor; the usual courtesies were exchanged. An English Vice Admiral left Nagasaki in HMS *Vigilant* and HMS *Albatross* and the Yokohama mail steamer also left port. With colder weather, the boilers are started to heat the ship.

During the next week, the Engineering Department received the engine parts previously sent ashore for repairs. An officer from the Russian gunboat *Stobae* paid a farewell visit to *Essex* and offered to carry mail to China. HMS *Audacious* entered the drydock and left it three days later. The Japanese gunboat *Fugi Kan* and Mitsu Bishi steamer *GenKai Maru* from Yokohama entered the port and anchored; the usual greetings were exchanged. *Essex* and USS *Monocacy* exchanged several maritime signals and the mail steamer for Yokohama anchored. The mail steamer for Shanghai, *GenKai Maru*, left Nagasaki. On November 20, gunboat USS *Enterprise*, a sister ship to USS *Essex*, anchored in the harbor. The next day, the ship's log reported that four crewmem (Zepilius, Holst, Dunn, and Callip) were identified as having served in the USS *Ashuelot*, a sister ship to USS *Monocacy*, at the time of her loss in February 1883 off East Lamock Island (the crewmen possibly transferred from *Pensacola* in the first week of November). *Essex* took on board two crewmen from *Monocacy* to await the arrival of mail steamer *Hiroshima Maru*; the men were headed to the US Navy Hospital in Yokohama. *Essex* received visit from the Commanding Officer of *Monocacy* before she left port on November 22. The next day, the Engineering Department tested the repaired engine and found leaks in the circulating pump and condensers. Over the next few days, the crew destined for the Yokohama US Navy hospital transferred to the mail steamer *Hiroshima Maru*. An English steamer and the Yokohama mail steamer anchored, and the USS *Enterprise* left the port. On November 27, *Essex* left Nagasaki Harbor. She passed Sima Harbor Light and the Asses Ears Islands, and for the rest of the month she was primarily under sail on the way to Amoy, China.

On December 1, 1883, USS *Essex* passed Oskew and Dodd Island Lights, and anchored in Amoy Harbor, China the next day. Commander McCormick sent an officer to the US Consul to announce *Essex*'s arrival and offer passage to the ship. The next day, the US Consul boarded *Essex* for a visit. Over the next two days, American

brigantine *Louise* and brig *Christine Nielson*, the English steamer *Triumphant*, and two Chinese gunboats anchored in the harbor; visits between some of the ships occurred. A Chinese gunboat departed the port, and on December 5, *Essex* left Amoy Harbor. On the way, she passed Chouchat Rocks, Chapel Island, Lammock Island Light, the Cape of Good Hope Lighthouse, and anchored in Swatow Harbor, China on December 6. She received a visit from the German Consul - who was the acting US Consul. Over the next two days, the English consul visits *Essex* and Commander McCormick left the ship to make official visits. On December 9, *Essex* up-anchored and steamed down the Han River, passed the Cape of Good Hope and Breaker Point Lights, and passed a large number of junks and one steamer. The next day, she passed Pedro Blanco Rock and D'Angilar Lighthouse, and anchored in Hong Kong Harbor. *Essex* took bearings off Victoria Peak and Kelletts Island, and received visits from officers from French and British men-of-war.

For the next several days, *Essex* performed the usual exchange of courtesies with English ironclad Flagship HMS *Audacious*, ship of the line steamer HMS *Victor Emmanuel*, corvette HMS *Cleopatra*, sloop HMS *Flying Fish*, gunboat HMS *Esk*, gunboat HMS *Swift*, corvette HMS *Champion*, gunboat HMS *Zephyr*, troopship HMS *Orontes*, dispatch ship HMS *Vigilant*, French corvettes *Villars* and *Victorieuse*, and French cruisers *Volta* and *Tourville*, and the German corvette Flagship *Stosch*. Several diplomats visited *Essex* including the US Consul, a French Admiral, the Major General Sargent of the English Army, the British Naval Establishment at Hong Kong, and the Rear Admiral commanding the German Squadron. Commander McCormick went ashore to visit the Governor of Hong Kong and the General Commanding the Post. *Essex* officers visited American merchantmen in Hong Kong Harbor. Gunboat HMS *Midge* and HMS *Cleopatra* left the harbor to go upriver, only to return the next day. The Pacific Mail Steamship Company (based in New York) vessel the *City of Tokio* and an English steamer left Hong Kong Harbor. USS *Essex* received one boiler and engine to be installed on the ship's steam cutter. On December 15, *Essex* steamed up the Canton River and anchored off Shameen Island in Canton, China. She received visits from British, French, and German warships, and the Commanding Officer Captain George Dewey\*\* of the sloop-of-war USS *Juniata* came aboard. A Chinese gunboat anchored near-by. The next day, gunboat HMS *Linnet* left Shameen and *Essex* officers visited the French gunboat *Volta*.

\*See *Essex Log Books 13-14*, April 3, 1883, and its Finding Aid for more details on Ker, his crime, and his extradition back to the US.

\*\*George Dewey is the only US Navy officer to hold the special rank of Admiral of the Navy.

#### Tags:

American Ships: sidewheel gunboat USS *Ashuelot*, mail steamer *City of Tokio*, schooner *Claus Sprickles*, brigantine *Consuelo*, sloop-of-war Flagship USS *Enterprise*, sloop-of-war USS *Essex*, sloop-of-war Flagship USS *Hartford*, sloop-of-war USS

*Juniata*, sidewheel gunboat USS *Monocacy*, ship *Normandy*, iron gunboat USS *Palos*, sloop Flagship USS *Richmond*, barque *Stillman B. Allen*

British Ships: sloop HMS *Albatross*, White Star steamer *Arabic*, ironclad Flagship HMS *Audacious*, corvette HMS *Champion*, steamer *Claymore*, corvette HMS *Cleopatra*, corvette HMS *Curacoa*, steamers *Cushgar*, gunboat HMS *Esk*, sloop HMS *Flying Fish*, gunboat HMS *Linnet*, gunboat HMS *Midge*, troopship HMS *Orontes*, gunboat HMS *Swift*, ship of the line steamer HMS *Victor Emmanuel*, dispatch ship HMS *Vigilant*, steamer *Zealandia*, gunboat HMS *Zephyr*

French Ships: cruiser *Tourville*, corvette *Victorieuse*, corvette *Villars*, cruiser *Volta*

German Ships: barque *Harmodius*, frigate *Leipzig*, corvette Flagship *Stosch*

Japanese Ships: gunboat *Banjo-Kan*, steamer *Chitose Maru*, gunboat *Fugi Kan*, steamer *GenKai Maru*, mail steamer *Hiroshima Maru*, gunboat *Seji*

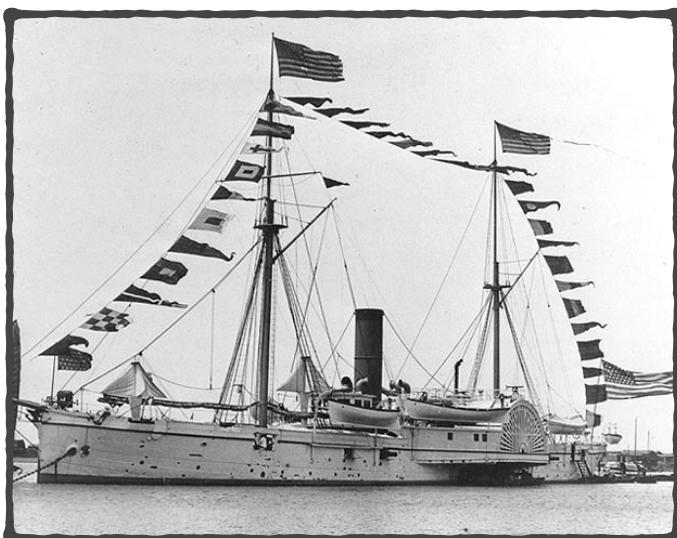
Russian Ships: man-of-war *Mobkd*, gunboat *Stobae*, gunboat *Tobol*



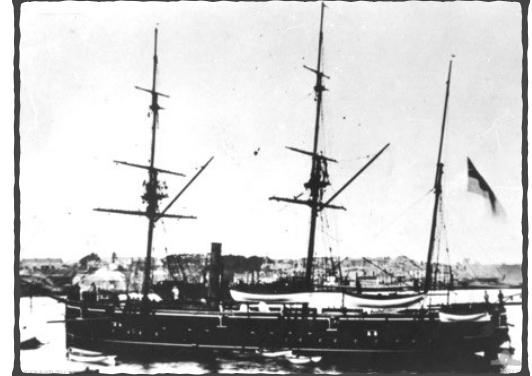
**USS Essex**



Honolulu in the 1880s

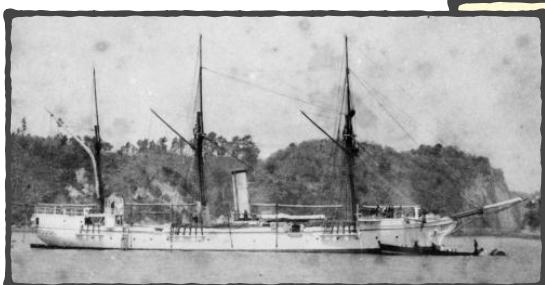


USS *Monocacy*

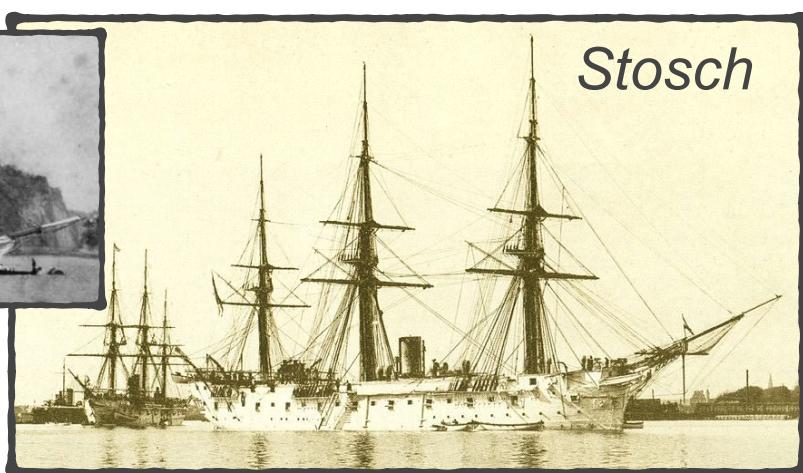


HMS *Flying Fish*

*Banjo-kan*



*Stosch*





W. C. D.

# LOG BOOK

OF THE

U. S. Steamer "Essex."

Third RATE

OF Six GUNS,

COMMANDED BY

Commander A. H. M<sup>c</sup>Cormick, U. S. Navy,

Attached , to Squadron,

Commencing June 10<sup>th</sup> , 1873 ,

at Sea making passage from Callao Peru  
to Honolulu Sandwich Islands.  
and ending , 18 ,

at

---

BUREAU OF NAVIGATION,

NAVY DEPARTMENT,

1875.

# LIST OF OFFICERS

Attached to and on board of the U. S. S. *'Essex'* 3<sup>rd</sup> Rate, commanded by  
 A. H. McCormick Commander, U. S. N., at the time of leaving the anchorage  
 at League Island, Pa. the day of November, 1881.

NAME.	RANK.	NAME.	RANK.
A. H. McCormick	Commander		
M. R. S. Mackenzie	Lieutenant		
Wm H. Parker	"		
Wainwright Kellogg	"		
Karl. Rohrer	"		
Gavin P. Gees	"		
Wm W. Irwin	Master		
R. B. Dashiell.	C. Midshipman		
Henry C. Haines	"		
Geo. P. Blow	"		
Ges. Barnett	"		
Wm Le Roy Emmett	"		
Melanchthon L. Ruth	Surgeon		
Louis A. Yorke	C. Paymaster		
Daniel P. McCarty	Chief Engineer		
Frank J. Hoffman	C. Engineer		
Martin Bevington	Asst.		
D. G. Redgrave	Cadet		
Wm H. Gartley	"		
O. C. Berryman	1 <sup>st</sup> Lieut. Marine Corps.		
Jacob Harder	Pay Clerk		

Examined and found to be correct,

*W. H. Parker*  
Lieut and Navigator.

# LIST OF OFFICERS

Who have died, been detached, or transferred, on board the U. S. S "Essex" 3<sup>rd</sup> Rate.  
 commanded by Comdr A H McCormick, U. S. N., during a cruise on the  
 Station from November 12<sup>th</sup>, 1881, to end of cruise November 29<sup>th</sup>, 1883.

NAME.	RANK.	TIME OF OCCURRENCE, AND PARTICULARS.
Jacob Haader	Pay Clerk	Resigned Oct 26 <sup>th</sup> 1882
H. O. Dunn	Ensign	Reported for duty Oct 19 <sup>th</sup> 1882.
Chas. E. James	Pay Clerk	Reported for duty March 10 <sup>th</sup> 1883
R. B. Dashiell	Naval Cadets	Detached. March 24 <sup>th</sup> 1883
Henry C. Haines	" "	" " "
Geo P. Blow	" "	" " "
Geo. Barnett.	" "	" " "
Wm Le Roy Emmett	" "	" " "
D. C Redgrave	" "	" " "
Wm H. Gartley	" "	" " "
Thos. C. Prince	" "	Reported for temporary duty from)
John J. Blandin	" "	U.S.S. "Hartford" March 21 <sup>st</sup> 1883.)
Albert L Key	" "	Detached and reported on board
Philo N. McGiffin	" "	U.S.S. "Pensacola" April 27 <sup>th</sup> 1883.)
H. O. Dunn	Ensign	Detached; and ordered to U.S.S. "Palos" Oct 29 <sup>th</sup> 1883
R. O. Bitter	" "	Reported for duty Nov 21 <sup>st</sup> 1883.
W.C.P. Muir	" "	

Examined and found to be correct.

*W. W. Parke*  
Lieut and Navigator.

COMPLEMENT of Petty Officers, Seamen, Ordinary Seamen, Landsmen, Boys, and Marines on board of  
 the U. S. S. "Essex." 3<sup>rd</sup> Rate  
 November 12<sup>th</sup>, 1881.

at first commissioning,

RATES.	NUMBER.	RATES.	NUMBER.
Chief Boatswain's Mate	1	Steerage Cooks	1
Boatswain Mates	3	Orderly Sergeant, "Marines"	1
Chief Gunner's Mate	1	Sergeants	1
Chief Quartermaster	1	Corporals	2
Quartermasters	3	Musicians	2
Cockswains	3	Privates	20
Captains of Forecastle	2		
" " Top	4		
" " Afterguard	2		
Quarter Gunners	3		
Sail Makers Mate	1		
Captain of Hold	1		
Ship's Cook	1		
Carpenters Mate	1		
Armorer	1		
Blacksmith "Ships"	1		
Painter 2 <sup>nd</sup> Class	1		
Jack of the Dust	1		
Ship's Corporals	1		
Finishers	2		
Boiler Makers	1		
Blacksmiths, "Engineers"	1		
Carpenters and Calkers	2		
Cooper	1		
Schoolmasters	1		
Ship Writers	1		
Baymen	1		
Bugler	1		
Seaman	11		
Ordinary Seaman	10		
Landsmen	11		
Apprentices	33		
1 <sup>st</sup> class Firemen	7		
2 <sup>nd</sup> class Firemen	6		
Landsmen, Engineer's Force	12		
Master At Arms	1		
Apothecary	1		
Ship's Yeoman	1		
Paymaster's Yeoman	1		
Engineers Yeoman	1		
Cabin Steward	1		
Ward Room Steward	1		
Ward Room Cook	1		
Steerage Stewards	1		

Examined and found to be correct.

*W. H. Parker*  
Lieut and Navigator.

**ARMAMENT**  
Of the U. S. S. "Essex." 3<sup>rd</sup> Rate.

NO. OF GUNS.	CALIBER.	DESCRIPTION.	WEIGHT.
4	1X	1X in. M.L. Dahlgren S.B.	
1		60 pdr. Breech Loading Rifle	
1		12 pdr. L Muzzle Loading	
1		8in. Muzzle Loading Rifle	
1		3in. Breech Loading Rifle	
1		45. Short Gunning.	
BOATS.			
		Steam Launch 1	
		Sailing " 1	
		Gutter 1	
		Whale Boats 2	
		Gig 1	
		Dinghy 1	
SMALL ARMS.			
60	.45	Hotchkiss Mag.	
13	.38	Colts. Altered.	
43	.50	Remington.	
60		Cutlasses.	
60		Cartridge Boxes. Rifle	
44		" " Pistol	
13		" " Revolvers	
13		Balls	

Examined and found to be correct.

*M. S. Parker*  
*Sgt.* Navigator.

## OBSERVATIONS for determining the LOCAL DEVIATION of the

Compass on board the U. S. S. *Essex*, 2<sup>nd</sup> rateDATE: August 6 - , 1883. PLACE: Lat  $30^{\circ} 08' N.$  Long  $149^{\circ} 41' E$   
Magnetic Variation,  $\delta = 1$  degrees 6 minutes, at same time and place.

LANDMARK OBSERVED.		BEARINGS TAKEN BY <i>Standard</i> Compass.		LOCAL DEVIATION.	LOCAL DEVIATION CORRECTED FOR VARIATION (+ or -).
Name of Landmark.	True Magnetic Bearing Astronomical Observation.	Ship's Head.	Landmark Observed.		
		NORTH.	N $92^{\circ}$ W	0.3	E
	90.7	N. by E.	91	0.7	
	90.3	N. N. E.	91	0.3	
	89.5	N. E. by N.	91	0.5	
	89	N. E.	90.5	0.5	
	88.5	N. E. by E.	90	0.5	
	87.5	E. N. E.	90	1.1	
	87.3	E. by N.	90	1.5	
	86.8	EAST.	89	1.5	
	86.1	E. by S.	89	1.4	
	85.7	E. S. E.	88	1.3	
	85.1	S. E. by E.	87.5	1.2	
	84.5	S. E.	86.5	1.0	
	84.	S. E. by S.	86.	1.0	
	83.5	S. S. E.	85	0.5	
	82.9	S. by E.	84.	0.1	
	82.4	SOUTH.	83	0.3	W
	81.9	S. by W.	82.5	0.4	
	81.3	S. S. W.	82.0	0.4	
	80.9	S. W. by S.	81.5	0.7	
	80.4	S. W.	81.0	0.4	
	79.7	S. W. by W.	80.0	0.7	
	79.3	W. S. W.	80.0	0.2	
	78.7	W. by S.	79	0.2	
	78.1	WEST.	79	0.3	
	77.6	W. by N.	78	0.3	
	77.3	W. N. W.	78	0.7	
	76.3	N. W. by W.	77	0.2	
	75.7	N. W.	76	0.7	
	75.2	N. W. by N.	76	0.7	
	92.6	N. N. W.	92	1.6	
	91.0	N. by W.	92	1.0	
	strength 83.8		Aug 84.9		
		NORTH.			
		N. N. E.			
		N. E.			
		E. N. E.			
		EAST.			
		E. S. E.			
		S. E.			
		S. S. E.			
		SOUTH.			
		S. S. W.			
		S. W.			
		W. S. W.			
		WEST.			
		W. N. W.			
		N. W.			
		N. N. W.			

Examined and found to be correct.

*M. J. Parker*  
1st Navigator.

OBSERVATIONS for determining the LOCAL DEVIATION of the  
Compass on board the U. S. S

DATE: , 18 . PLACE:

Magnetic Variation, degrees minutes, at same time and place.

LANDMARK OBSERVED.		BEARINGS TAKEN BY		LOCAL DEVIATION.	LOCAL DEVIATION CORRECTED FOR VARIATION (+ or -).
Name of Landmark.	True Magnetic Bearing by Chart or Astronomical Observation.	Ship's Head.	Compass. Landmark Observed.		
		NORTH.			
		N. by E.			
		N. N. E.			
		N. E. by N.			
		N. E.			
		N. E. by E.			
		E. N. E.			
		E. by N.			
		EAST.			
		E. by S.			
		E. S. E.			
		S. E. by E.			
		S. E.			
		S. E. by S.			
		S S. E.			
		S. by E.			
		SOUTH.			
		S. by W.			
		S. S. W.			
		S. W. by S.			
		S. W.			
		S. W. by W.			
		W. S. W.			
		W. by S.			
		WEST.			
		W. by N.			
		W. N. W.			
		N. W. by W.			
		N. W.			
		N. W. by N.			
		N. N. W.			
		N. by W.			
		NORTH.			
		N. N. E.			
		N. E.			
		E. N. E.			
		EAST.			
		E. S. E.			
		S. E.			
		S. S. E.			
		SOUTH.			
		S. S. W.			
		S. W.			
		W. S. W.			
		WEST.			
		W. N. W.			
		N. W.			
		N. N. W.			

Examined and found to be correct.

*W. W. Parker*  
Navigator.

LOG of the UNITED STATES

Steamer "Essex"

, 3d Rate, 6 Guns,

Making passage from Callao, Peru, to Honolulu, Sandwich Islands

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	6	11	S. W. by N. N. E.	N. E.	4		30.10	77	77	73	79	b0	cirrus	7	8	All plain sail except
2	6	2	"	"	4		30.10	77	77	74	79	"	"	8	"	W try sail as sprouter and
3	5	8	"	"	3		30.09	77	77	74	79	"	"	8	"	abs. struds except lower
4	5	8	"	"	3		30.08	77	77	73	79	"	"	7	"	
5	6	2	"	"	4		30.07	77	77	73	79	"	"	6	"	
6	6	2	"	"	4		30.09	77	77	73	79	"	"	6	"	
7	6	2	"	"	4		30.11	77	77	73	79	"	"	5	"	
8	6	2	"	"	4		30.11	77	77	73	79	"	"	8	"	
9	6	0	"	"	4		30.11	78	78	75	78	"	cirrus str.	6	"	
10	6	0	"	"	4		30.12	78	78	75	78	"	"	8	"	
11	6	0	"	"	4		30.10	78	78	75	78	"	"	8	"	
Noon.	6	5	"	"	4		30.10	78	78	75	78	"	"	7	"	

Distance run by Log since preceding Noon

150 knots 1 fathoms.

Latitude by D. R. at Noon

13° 38' 15" N

Longitude by D. R. at Noon

142° 10' 30" W

Latitude by Observations at Noon ☽

13° 31' 12" N

Longitude by Chronometer from Forenoon Observations ☽

142° 16' 30" W

116

Current during the time 0.37 knots — fms. per hour, setting to the

S 37° W

Variation of the Compass by Amplitude ☽ observed at Sunrise

° " "

Variation of the Compass by Azimuth ☽ observed at S. A. m.

7° 00' 11" E

Water expended during the preceding 24 hours

350 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1150 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

48 " 2236 "

P. M.	2	6	14 N x 14 W N.	N. E.	4		30.10	79	78	77	77	b0	cirrus	8	8	
1	2	6	14 N x 14 W	N. E.	4		30.10	78	78	77	77	"	"	8	"	
2	5	0	"	"	4		30.09	78	78	77	77	"	"	8	"	
3	5	14	"	"	4		30.06	77	77	77	77	"	"	8	"	
4	5	14	"	"	4		30.06	77	77	77	77	"	"	8	"	
5	6	0	"	N. N. E.	4		30.08	78	77	74	77	"	cirrus str.	6	"	Took in Mail & Lib. struds
6	6	14	"	"	4		30.08	78	77	74	77	"	"	4	"	Set W tryail & sprouter
7	7	14	"	N. E.	5		30.08	78	75	73	77	"	cum. str.	5	"	Set all struds except lower
8	7	2	"	"	5		30.10	78	75	73	77	"	cum. nimbo	5	"	
9	6	0	"	"	4-5		30.09	78	75	73	77	b0	"	4	"	
10	6	0	"	"	4		30.10	78	75	73	77	b0	cirrus	6	"	
11	5	5	"	"	4		30.10	78	75	73	77	"	"	5	"	
Mid.	5	5	"	"	4		30.10	78	75	73	77	"	"	8	"	

Longitude by Chronometer from Afternoon Observations ☽

142° 26' 13" W

Longitude by Chronometer from Observations \*

° " "

Variation of the Compass by Amplitude observed at Sunset

° " "

Variation of the Compass by at

° " "

under the command of Commander A. H. M<sup>o</sup> Cormick, U. S. Navy,  
Sunday June 10<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences, and until 4 A.M. Clear and pleasant. Moderate breeze from N.E. Barometer steady. Aneroid barometer 29.94. W.W. Inn Master

4 to 8 A.M. Clear and pleasant. Moderate breeze from N.E. Smooth sea. Aneroid 29.98. W. Wininger-Kellogg Lieut.

8 AM to Meridian. Weather clear, and pleasant. Barometer steady. Cumulus, and stratus clouds. Moderate breeze from A.S. At 9.15 the Captain inspected the ship, and the crew at quarters. Aneroid bar. 29.96. Thaddeus, Lieut.

Meridian to 4 PM. Clear pleasant weather. Moderate breeze from N.E. Barometer falling slowly. Smooth sea. At 12.30 changed course to N.W by W. Aneroid 29.92. W. Wininger-Kellogg Ensign.

4 to 6 PM. Weather pleasant. Moderate breeze from S.E. Barometer rising slowly. Aneroid barometer 29.95. W.W. Inn Master

6 to 8 PM. Cloudy. Moderate to fresh breeze from N.E to S.N.E. Sea smooth. At 6.30 took in all studding sails, and at 7.00 set them again. Took in, and furled main sail, and hoisted smokestack. Set main trysail, and spanker. Relieved from confinement, P. Dean (2d Fire) and W<sup>m</sup> White (2d Fire) by order of Commanding Officer. Aneroid 29.98. W. Wininger-Kellogg Lieut.

8 PM to Midnight, Weather pleasant though inclined to be equally cold, damp, and foul-hour of watch. Moderate to fresh breeze from N.E. Barometer steady. Aneroid barometer 30.00. Thaddeus, Lieut.

Moon 1/2 mid Examined and found to be correct.

Dec. 4° 47' 50" N  
Phase New Moon

W. St. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

*Steamer Essex*, 3d Rate, 6 Guns,  
Making passage from Callao, Peru, to Honolulu, Sandwich Isds

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	6 0		A. N. by N.	N. E.	4		30.10	77	75	72	78	b <u>c</u>	circum	8	S	All plain sail set
2	5 0		"	"	5		30.07	77	75	72	78	"	"	8	"	studg's except lower
3	4 6		"	A. N. by N.	5		30.07	77	75	72	78	"	"	8	"	and mainsail.
4	5 0		"	"	5		30.08	77	75	72	78	"	"	8	"	
5	5 8		"	"	11		30.10	76	75	73	76	"	curr str mumb	3	"	
6	5 6		"	A. N. E.	11		30.10	76	75	73	76	"	circum strat	5	"	
7	5 4		"	"	4		30.10	76	75	73	76	"	"	5	"	
8	6 0		"	"	4		30.11	77	75	73	76	"	"	5	"	Took in spanker.
9	6 0		"	"	4		30.12	77	75	73	76	"	"	5	"	
10	6 6		"	"	4		30.12	77	75	73	76	"	cir	9	"	Took in all studg's
11	5 2		"	"	4		30.11	77	75	72	77	"	"	8	"	
Noon.	5 0		"	"	3		30.10	77	75	72	77	"	"	8	"	

Distance run by Log since preceding Noon

136 knots 2 fathoms.

Latitude by D. R. at Noon

14° 57' 45" N

Longitude by D. R. at Noon

144° 06' 30" W

Latitude by Observations at Noon ☽

15° 01' 45" N

Longitude by Chronometer from Forenoon Observations ☽

144° 12' 00" W

Current during the time 6 3 knots fms. per hour, setting to the

S 55° 25'

Variation of the Compass by Amplitude ☽ observed at Sunrise

"

Variation of the Compass by Azimuth ☽ observed at 8. A. M.

7° 15' 00" E

Water expended during the preceding 24 hours

350 gallons.

Water distilled during the preceding 24 hours

900 "

Water remaining on hand fit for use at Noon

1700 "

Coal consumed during the preceding 24 hours

2 tons 520 lbs.

Coal remaining on hand at Noon

46 " 1716 "

P. M.																	
1	4 5	A. N. by N.	A. N. E.	3	30.09	78	76	72	77	b <u>c</u>	circum	5	S	Took in all sail. Set fly.			
2	5 8	Swing target	"	3	30.06	77	78	74	77	"	"	7	"	wing jib, jib of top staysail			
3	3 5	A. N. by N.	"	3	30.06	77	78	74	77	"	"	8	"				
4	4 0	"	"	3	30.05	77	78	74	77	"	"	6	"	Took in headsails			
5	5 8	Swinging ship	"	3.14	30.08	78	77	73	78	"	"	7	"	Set all plain sail			
6	"	"	"	3.14	30.08	77	77	73	78	"	"	7	"	except mainsail.			
7	5 6	A. N. by N.	"	3.14	30.08	77	76	72	78	"	"	7	"				
8	5 8	"	"	3.14	30.08	78	75	72	78	"	"	8	"				
9	5 6	"	"	4	30.08	78	75	72	78	"	"	7	"				
10	5 6	"	"	4	30.09	77	75	72	76	"	"	6	"				
11	5 6	"	"	4	30.09	77	75	72	76	b <u>c</u>	circum bouny	6	"				
Mid.	5 6	"	"	4	30.09	77	75	72	76	"	"	5	"				

Longitude by Chronometer from Afternoon Observations ☽

144° 11' 15" W

Longitude by Chronometer from Observations \*

"

Variation of the Compass by Amplitude observed at Sunset

"

Variation of the Compass by 27° 0 at 7° 15' 10" W 144° 21

7° 30' 1" E

under the command of

Commander A. H. M<sup>o</sup> Connick

, U. S. Navy,

Monday, June 11th

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 1 A.M. Weather clear, and pleasant. Gentle to moderate breeze from N. and E. Smooth sea. Barometer steady. Started fires for swinging ship under four port boilers at 2.30. Aneroid at end of watch 29.96.

11 to 8 A.M. Cloudy and cool. Moderate breeze from N.E. by N. hawling to N.E. Barometer steady. Commenced distilling at 5.10. Aneroid barometer 29.00. At 7.45 took in spanker.

C.P.C. Lieut  
W.W. Inman

8 A.M. to Meridian. Clear, and pleasant. Light breeze from N.N.E. Smooth sea. At 9.15 mustered at quarters. S. S. Lawrence (O.S. App.) was given five days extra duty for being sulky and negligent in the performance of duty, and Geo. W. Washington (O.S. App.) was given one day's extra duty for not coming aft when his boat's crew was called, by order of Commanding Officer. At 10.00 took in stbd studding sails. Aneroid 29.98.

W. W. Inman

Meridian to 11 P.M. Weather clear, and pleasant. Barometer falling. Gentle breeze from N.N.E. Cirro-cumulus clouds. Spread fires at 12<sup>o</sup> and at 1. took in all sail, coupl'd propellor, stopped distilling, and started ahead with the engine. At 1.<sup>30</sup> went to general quarters and fired at target, expending in Ordnance Department 122.14 lbs. cannon powder, 12.18 in shell, and 3.11 in breech loading rifle shell. At 2.30 grappled, and hoisted in target and started ahead on course, setting the head sails at 2.45. At 3.30 commenced swinging ship for compass deviation. Aneroid barometer 29.94.

W. W. Inman

11 to 6 P.M. Weather clear, and pleasant. Moderate breeze from N.N.E. Smooth sea. Barometer steady. Swinging ship under steam. Aneroid at end of watch 29.94.

C.P.C. Lieut  
W.W. Inman

6 to 8 P.M. Pleasant weather, bright moonlight latter part. Moderate breeze from N.N.E. Aneroid barometer 29.96.

Master  
8 P.M. to Midnight. Clear and pleasant with occasional light drizzling showers. Light breeze from N.N.E. Smooth sea, Moonlight. At 8.10 went to fire-quarters, all ready in 3 min. Finished distilling. Aneroid 29.96.

W. W. Inman

Moon mid Examined and found to be correct.

Dio 00° 41' 54" n

Phase New moon

W. S. Parker  
Lieut, Navigator.

## LOG of the UNITED STATES

Steamer "Essex", 3d Rate, 6 Guns,

Making passage from Callao, Peru, to Honolulu, Sandwich Islands.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
<b>A. M.</b>																
1	5 0		S N by W.	N. N. E.	3		30.05	76	74	72	76	b0	cirrus	7	S	Plain sail except
2	5 0		"	"	3		30.05	76	74	72	76	bcp.	cumulus	8	"	maineail.
3	5 0		"	"	3		30.03	76	74	72	76	"	cumulus	6	"	
4	5 0		"	"	3		30.03	76	74	72	76	"	"	5	"	
5	3 8		"	"	3		30.04	74	74	72	77	"	"	4	"	
6	4 0		W d. W.	"	3		30.08	74	74	73	77	"	"	4	"	Took in sail
7	Swinging ship.		"	"	3		30.10	75	74	73	77	"	"	2	"	
8	"		"	"	3		30.10	76	76	73	77	"	"	4	"	
9	5 0		S. N by W.	N. E. by S.	3		30.10	76	76	73	77	bc	cumulus	5	"	Made plain sail to royal except m. sail and spante.
10	5 8		"	"	4		30.10	76	76	73	77	bcd	"	5	"	Set stbd. Studgls ex-cept lower.
11	6 0		"	"	4		30.10	76	76	73	77	ba	cumulus	6	"	
Noon.	6 0		"	"	4		30.09	77	77	73	77	"	"	6	"	

Distance run by Log since preceding Noon

96 knots 6 fathoms.

Latitude by D. R. at Noon

16° 03' 00" N

Longitude by D. R. at Noon

145° 30' 00" W

Latitude by Observations at Noon ☽

15° 52' 52" N

Longitude by Chronometer from Forenoon Observations ☽

145° 38' 00" W

Current during the time .51 knots fms. per hour, setting to the

S 26° W

Variation of the Compass by Amplitude ☽ observed at Sunrise

"

Variation of the Compass by Azimuth ☽ observed at 8. a.m.

7° 30' 00" E.

Water expended during the preceding 24 hours

350 gallons.

Water distilled during the preceding 24 hours

1750 "

Water remaining on hand fit for use at Noon

2900 "

Coal consumed during the preceding 24 hours

5 tons 1000 lbs.

Coal remaining on hand at Noon

44, " 716 "

P. M.																	
1	6 0		N. N. W.	N. E. by S.	11		30.08	77	77	73	77	bc	cumulus	5	S	Set maineail and took in topsail.	
2	6 2		"	"	11		30.08	77	77	73	77	"	"	5	"		
3	6 11		"	"	11		30.05	77	76	75	74	"	"	6	"		
4	6 2		"	"	11		30.05	77	76	73	77	"	"	6	"		
5	5 0		"	N. E.	3		30.03	77	76	73	77	"	cumulus	5	"		
6	6 0		"	"	11		30.03	77	76	73	77	"	cirrus	6	"		
7	5 8		"	"	11		30.03	76	76	73	77	"	"	6	"		
8	5 5		"	"	11		30.03	77	76	73	77	"	"	6	"		
9	5 8		"	"	11		30.08	77	76	73	77	"	cumulus	7	"		
10	6 0		"	"	11		30.08	77	76	73	77	"	"	7	"		
11	6 11		"	"	11		30.08	77	75	73	77	"	cumulus	7	"		
Mid.	6 2		"	"	11		30.08	77	75	73	77	bcd	cumulus	5	"		

Longitude by Chronometer from Afternoon Observations ☽

"

Longitude by Chronometer from Observations \*

"

Variation of the Compass by Amplitude observed at Sunset

"

Variation of the Compass by

"

under the command of Commander A. H. M<sup>o</sup> Connick, U. S. Navy,  
Tuesday, June 12th, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Weather pleasant barring several light passing showers of rain. Gentle breeze from N.E. Barometer falling. Aneroid barometer 29.94. Fires banked.

Tail Number Lieut

11 to 8 A.M. Weather pleasant with light passing showers of rain. Barometer rising. Gentle breeze from N.E. Smooth sea. Shortened and furled sail at 6°. Spread fires, and commenced swinging ship under steam. Continued the work, during remainder of watch. Aneroid 29.98.

Cables Lieut

8 A.M. to Meridian. Pleasant weather. Light drizzling rain first hour. Moderate breeze from N.E. by N. Smooth sea. Mortared and inspected at quarters at 9°. Enclosed Powder division firing at target with small arms. At 8<sup>20</sup> finished swinging ship, and put ship on course NW by W. At 8<sup>25</sup> made all plain sail to royals, except mainsail and spanker. At 8<sup>30</sup> stopped steaming, disconnected propeller, and hauled fires. At 9.36 set all starboard studdinggails except the lower. Aneroid barometer 29.96.

W.W. Dunn Master

Meridian to 1 P.M. Clear and pleasant. Moderate breeze from N.E. by N. Smooth sea. Enclosed 1<sup>st</sup> and 3<sup>rd</sup> divisions and Marines and Sailors' division, at small arm target practice. Set mainsail and took in main trysail. Aneroid 29.90.

Warming the Reserve

wre Lieut

4 to 6 P.M. Weather pleasant. Weather pleasant. Barometer steady. Cumulus, cirro-cumulus and nimbus clouds. Gentle to moderate breeze from N.E. 2<sup>d</sup> division fired, at target with Hatchkiss rifles. Aneroid barometer 29.90.

Tail Number Lieut

6 to 8 P.M. Weather clear and pleasant. Gentle breeze from N.E. Barometer steady. Bright moonlight. Aneroid, at end of watch 29.93.

Cables Lieut

8 PM to Midnight. Pleasant weather, light shower last hour. Moderate breeze from N.E. Smooth sea. Moderate breeze from N.E. Smooth sea. Barometer steady. Aneroid barometer 29.90.

(W.W. Dunn Master.

Moonl. mid. Examined and found to be correct.

Dec. 3° 21' 10" S'

Phase First quarter

W. G. T. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

Steamer "Essex"

3d Rate, 6 Guns,

Making Passage from Callao, Peru to Honolulu, Sandwich Islands

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	6	14	19 N by W. 18 by E.		4		30.07	77	75	73	76	bcp	running	6	S.	
2	6	6	"		4		30.05	77	75	73	76	"	"	8	"	
3	6	14	"		4		30.03	77	75	73	76	"	"	7	"	
4	6	6	"		4		30.02	77	75	73	76	"	"	5	"	
5	7	0	"	18.	5		29.99	76	74	72	77	bcd	"	2	"	Head sails, square sails
6	7	0	"		5		29.99	76	74	72	76	bcp	"	2	"	topgallant staysails
7	7	6	"		5		29.99	76	74	72	76	"	circum-	3	"	camomile
8	7	0	"		5		30.04	76	74	72	76	"	"	14	"	
9	7	2	"		5		30.08	77	76	76	77	bc	circum-	8	.	
10	7	4	"		5		30.09	77	76	74	77	"	"	8	"	
11	7	2	"		5		30.10	77	77	73	77	"	"	7	"	
Noon.	7	6	"		5		30.10	78	77	73	77	"	circum-	4	"	nimbs

Distance run by Log since preceding Noon

155 knots 4 fathoms.

Latitude by D. R. at Noon

17° 31' 28" N

Longitude by D. R. at Noon

147° 43' 00" W

Latitude by Observations at Noon ◎

17° 30' 21" N

Longitude by Chronometer from Forenoon Observations ◎

148° 00' 00" W

Current during the time 1.71 knots ~~ms.~~ per hour, setting to the

S 86° W

97

Variation of the Compass by Amplitude ◎ observed at Sunrise

" "

Variation of the Compass by Azimuth ◎ observed at

" "

Water expended during the preceding 24 hours

350 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2550 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

44 " 416 "

P. M.																	
1	7	8	19 N by W.	18.	5		30.10	76	76	73	77	bcpq	annulus	2	S.		
2	6	0	"		4		30.09	76	76	73	77	"	"	2	"		
3	5	5	"		4		30.08	76	75	73	77	"	"	2	"		
4	5	6	"		4		30.08	75	75	72	76	bc	"	1	"		
5	5	6	"	8 by N.	4		30.08	76	76	73	76	"	circum	2	"		
6	5	14	"		4		30.06	76	76	74	76	bcb	circum-	1	"		
7	3	5	"	6 18	2		30.06	76	77	74	76	bc	circum-	4	"		
8	1	0	"		2		30.06	76	77	74	76	"	"	0	"		
9	1	6	"	8 by E.	3		30.10	76	77	74	76	bcb	nimby	1	"		
10	1	5	"		3		30.10	77	76	73	76	"	"	1	"		
11	1	0	"		3		30.10	77	76	73	76	bc	"	1	"		
Mid.	3	8	"		3		30.08	76	76	72	76	"	"	1	"		

Longitude by Chronometer from Afternoon Observations ◎

148° 08' 00" W

Longitude by Chronometer from Observations \*

" "

Variation of the Compass by Amplitude observed at Sunset

" "

Variation of the Compass by at

" "

under the command of

Commander A. H. McCormick, U. S. Navy,

Wednesday June 13<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Clear and pleasant, greater part of watch with occasional light showers of rain. Moderate breeze from N.E. by E. Smooth sea. Aneroid 29.90. Waininglee - Keeoge  
wx Lieut.

11 to 8 A.M. Weather damp clearing up at end of watch. Fresh breeze from N.E. Barometer steady. Cirro-cumulus, cumulus and nimbus clouds. Passing showers at short intervals during watch. Aneroid bar. 29.96. Hartshorne, Jr. Lieut.

8 A.M. to Meridian. Weather generally clear and pleasant. Light rain squalls around the horizon. Barometer rising. Mustered at quarters at 9.15. By order of Commanding Officer the following punishments were awarded: viz, Louis Vogt (O.S.) 3 days extra duty for not coming aft when his boats crew were called. Frank Pearson (Pvt M) one extra post for using abusive language to shipmate, and Wm H. Walsh (Pvt M) two extra posts for assaulting a messmate. Peter Quane (Sds) was released from confinement, and Wm White (D.C.) and Thos. Wayne (Finishes) were given the punishment assigned on the 9<sup>th</sup> inst. Aneroid 29.97. P.R. Lieut

Meridian to 11 P.M. Overcast and cloudy with passing rain equals stiff to moderate breeze from N.E. Barometer falling slowly. Smooth sea. Aneroid 29.85. Course N.W. by N. Hartshorne, Jr. Lieut

11 to 6 P.M. Cloudy. Moderate to light breeze from E by N. Drizzling rain greater part of watch. At 11.45 mustered at quarters. Smooth sea. Aneroid 29.95. Waininglee - Keeoge  
wx Lieut

6 to 8 P.M. Weather pleasant. Light breeze from E & E. Cirro-cumulus, cumulus and nimbus clouds. Barometer steady. Aneroid bar. 29.98. Hartshorne, Jr. Lieut

8 P.M. to Midnight. Weather overcast with occasional light passing showers of rain. Light to moderate breeze from E by S. Aneroid 29.99. P.R. Lieut

Moon, mid. Examined and found to be correct.

Dec. 7° 14' 42" S'

Phase First Quarter

W. H. Parker  
Lieut <sup>83</sup> Navigator.

LOG of the UNITED STATES      Steamer *Essex*      3d Rate, 6 Guns,  
Making passage from Callao, Peru, to Honolulu, Sandwich Isds.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	40		NW by N	ESE	3		30.08	76	75	72	76	.00	Cumulus	0	S.	All square sail, jib and staysails
2	54		"	"	11		30.06	76	75	72	76	b0	"	11	"	staysails
3	54		"	"	11		30.06	76	75	72	76	"	"	4	"	
4	52		"	NE.	11		30.06	76	75	72	76	"	"	11	"	
5	54		"	"	11		30.06	76	75	72	76	"	Scattered	4	"	
6	60		"	"	11		30.06	76	75	72	76	"	"	6	"	
7	60		"	"	11		30.08	77	76	73	76	"	"	8	"	
8	62		"	"	11		30.10	77	76	73	76	-	Cumulus	3	"	
9	65		"	"	11		30.10	78	75	73	76	b0	Cumulus	3	"	
10	60		"	"	11		30.13	78	77	73	76	b0	"	0	"	
11	60		"	"	11		30.13	78	78	73	76	"	"	5	"	
Noon.	60		"	SE by S.	14		30.10	78	78	72	76	"	"	6	"	

Distance run by Log since preceding Noon

128 knots 5 fathoms.

Latitude by D. R. at Noon

18° 51' 51" N

Longitude by D. R. at Noon

149° 48' 00" W

Latitude by Observations at Noon ◎

18° 53' 27" N

Longitude by Chronometer from Forenoon Observations ◎

149° 48' 00" W

Current during the time      knots      fms. per hour, setting to the

?

Variation of the Compass by Amplitude ◎ observed at Sunrise

•   •   "

Variation of the Compass by Azimuth ◎ observed at S. A. M.

8° 30' E

Water expended during the preceding 24 hours

350 gallons.

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2200 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

141 " 116 "

P. M.	28	1230	149° 48' 00"	SE by S.	11		30.07	78	78	75	76	b0	Cumulus	3	S.
n	1	30	149° 48' 00"	S.E.	11		30.07	78	78	75	76	"	"	3	"
18° 58'	2	50	"	"	11		30.07	78	78	75	76	"	"	3	"
150° 01'	3	60	"	SE	11		30.04	78	78	75	76	"	"	2	"
4	58	"	"	"	11		30.04	78	78	75	76	"	"	3	"
5	56	"	"	"	11		30.09	77	77	72	76	"	Cirrus Cumulus	3	"
6	52	"	"	East	11		30.09	77	77	72	76	"	"	11	"
7	60	"	"	SE	11		30.09	77	77	72	76	bcd	Cumulus Cumulostratus	11	"
8	511	"	"	"	11		30.10	77	76	72	76	bc	Cumulus	6	"
150° 05'	9	65	"	SE by E.	11		30.09	77	75	72	75	"	Cirrus Cumulus	6	"
10	65	"	"	"	11		30.10	77	75	72	75	"	"	5	"
11	60	"	"	SE	11		30.10	77	75	72	75	"	Cirrus Cumulus	6	"
Mid.	55	"	"	SE by E.	11		30.10	77	75	72	75	"	"	5	"

Longitude by Chronometer from Afternoon Observations ◎

149° 51' 145" W

Longitude by Chronometer from Observations \*

•   •   "

Variation of the Compass by Amplitude      observed at Sunset

•   •   "

Variation of the Compass by      at

•   •   "

under the command of

Commander A. H. W<sup>c</sup> Connick

, U. S. Navy,

Thursday, June 11th, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Cloudy and cool, threatening rain. Moderate breeze from E.S.E. varying to ENE. Barometer steady. Aneroid barometer 29.98  
W. M. Ann Master.

11 to 8 A.M. Clear and pleasant. Light to moderate breeze from E. & E. Smooth sea. Aneroid 30.00. W. M. Ann - Navigator

8 AM to Meridian. Weather pleasant. Moderate breeze from E by A to ENE. Barometer rising. Clouds cumulus, nimbus, and cirro-cumulus. Watch engaged in scraping and painting inside. Aneroid barometer 30.00.  
H. H. Hobson, Lieut

Meridian to 11 PM. Cloudy but pleasant. Moderate breeze from S.E. and ENE. Smooth sea. Barometer falling slowly. At 12<sup>30</sup> Changed course to N. A. W. b. W. and set all port stunsails. Took in mainsail at 2<sup>30</sup> took in port stunsails and set lee clew of mainsail. Aneroid 29.96.  
H. H. Hobson, Lieut

11 to 6 PM. Pleasant weather. Moderate breeze from E.N.E. hauling to E. Mustered at quarters at 11.45. Set up fore tryail gaff. Aneroid barometer 29.96  
W. M. Ann Master

6 to 8 PM. Cloudy greater part of watch. Light to moderate breeze from E to ENE. Smooth sea. Aneroid 29.99. W. M. Ann - Navigator

8 PM to Midnight. Weather clear and pleasant. Moderate breeze from N.E. to ENE. Cumulus, nimbus, and cirro-cumulus clouds. Barometer steady. At 8<sup>30</sup> went to general quarters. 1<sup>st</sup> division firing a shell in 2<sup>min</sup> 30<sup>sec</sup>, 2<sup>nd</sup> division No 1 gun in 3<sup>min</sup>, No 2 gun, 2<sup>min</sup>, 3d division in 6<sup>min</sup> 30<sup>sec</sup>. Master's division reported ready in 10<sup>sec</sup>. Powder division in 30<sup>sec</sup>, Engineers division in 30<sup>sec</sup>, and Marines in 1<sup>min</sup> 30<sup>sec</sup>. Secured in 5<sup>min</sup> 00<sup>sec</sup>. Expended in Ordnance Department 25 lbs. hexagonal powder, 20 lbs. of cannon powder, 8 lbs. rifle powder, 1. V. T. in rifle shell. 5" fuse, 2. 1/2" in shell, 5" fuse, and 1. 60 pds B & G Rifle shell. 5" fuse. Aneroid barometer 30.02.  
H. H. Hobson, Lieut

Moon, mid. Examined and found to be correct.

Dec. 10° 50' 30" S

Phase, First Quadrant

W. H. Parker  
Lieut <sup>3</sup> Navigator.

## LOG of the UNITED STATES

Steamer "Essex"

3d Rate, 6 Guns.

Making passage from Callao, Peru, to Honolulu, Sandwich Islands

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	5	6	N. N. E. 1/4 N.	S.	4		30.08	76	75	72	75	80	Cirrus	4	8	Square sail, jib and stays, stunsails
2	6	6	"	"	4		30.08	76	75	72	75	"	"	6	"	studs, staysails
3	5	6	"	"	4		30.10	76	75	72	75	"	"	7	"	
4	5	8	"	ESE	4		30.10	76	75	72	75	"	"	7	"	
5	5	14	"	S.	4		30.10	76	75	72	75	"	Cumulus	6	"	
6	5	2	"	"	4		30.12	76	75	72	75	"	"	8	"	
7	5	0	"	E by S.	4		30.12	78	76	72	75	"	Cirrus	8	"	
8	5	0	"	"	4		30.18	78	76	72	75	"	"	8	"	
9	5	2	"	ESE	4		30.18	78	76	72	75	"	"	8	"	Drawn up mainsail
10	5	0	"	"	4		30.16	79	79	73	75	"	"	9	"	Set all port stunsails
11	5	0	"	"	4		30.15	78	79	73	75	"	"	9	"	Drawn in starboard stunsails
Noon.	5	0	"	S.E.	4		30.14	78	79	73	75	"	"	9	"	Set leeches of mainsail

Distance run by Log since preceding Noon

133 knots 0 fathoms.

Latitude by D. R. at Noon

19° 50' 15" N

Longitude by D. R. at Noon

152° 04' 00" W

Latitude by Observations at Noon ☽

19° 47' 05" N

Longitude by Chronometer from Forenoon Observations ☽

152° 11' 00" W

Current during the time 0.3 knots fms. per hour, setting to the

S 63° W

Variation of the Compass by Amplitude ☽ observed at Sunrise

• "

Variation of the Compass by Azimuth ☽ observed at 8. A. M.

9° 00' 00" E

Water expended during the preceding 24 hours

350 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1850 "

Coal consumed during the preceding 24 hours

tons 1100 lbs.

Coal remaining on hand at Noon

110 " 1256 "

P. M.																	
1	6	14	W. N. N. 1/4 N.	S.E.	11		30.15	78	78	73	77	80	Cirrus	5	8		
2	5	8	"	"	11		30.12	78	78	73	77	"	"	5	"		
3	11	3	"	"	3		30.10	78	78	73	77	"	"	7	"		
4	3	6	"	"	2		30.10	78	78	73	77	"	"	7	"		
5	4	0	"	ESE	3		30.10	77	78	75	77	"	"	9	"	Drawn up mainsail	
6	4	2	"	"	3		30.08	77	78	75	77	"	"	7	"	Set starboard stunsails	
7	4	8	"	E by S.	3		30.06	77	77	76	77	"	"	6	"		
8	5	0	"	"	11		30.06	77	77	76	77	"	"	5	"		
9	5	2	"	"	11		30.10	77	79	78	77	"	air	9	"		
10	5	4	"	"	11		30.15	77	79	78	77	"	"	8	"		
11	5	4	"	"	11		30.18	77	77	78	77	"	"	7	"		
Mid.	5	14	"	"	4		30.18	77	77	78	77	"	"	7	"		

Longitude by Chronometer from Afternoon Observations ☽

• "

Longitude by Chronometer from Observations \*

• "

Variation of the Compass by Amplitude observed at Sunset

• "

Variation of the Compass by at

• "

under the command of

Commander A. G. McComicks

, U. S. Navy,

Friday June 15<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 AM. Weather clear and pleasant, Gentle breeze from E. Smooth sea. Barometer steady. Aneroid at end of watch 29.98.

11 to 8 AM. Clear and pleasant. Moderate breeze from ENE hawling to E by S. Barometer steady. Aneroid barometer 30.03.

8 AM to Meridian. Clear and pleasant. Light breeze from ESE to S.E. Smooth sea. At 9.15 mustered and inspected at quarters. At 9.00 set all port stunsails. At 11.00 took in all stbd stunsails, and set lee clew of main sail, Wm White, 'Old Fie' was released from confinement by order of Comdg Officer. Aneroid 30.00.

W.W. Dunn Master

W. W. Dunn Navigator  
W. W. Dunn Lieut

Meridian to 11 PM. Cloudy but pleasant weather. Moderate to light breeze from S. E. Barometer falling slowly. Smooth sea. Course NNE 1/4 NW  
Aneroid 29.98.

11 to 6 PM. Weather clear and pleasant. Gentle breeze from ESE. Smooth sea. Barometer falling. Mustered at quarters at 11.45. Aneroid at end of watch 29.99. Got spanker, gaff in place and bent spanker.

6 to 8 PM. Clear and pleasant, Moderate breeze from E by S. slightly freshening. Barometer steady. Aneroid barometer 30.02.

W.W. Dunn Master

W. W. Dunn Navigator  
W. W. Dunn Lieut

8 PM to Midnight. Clear, delightful weather. Light to moderate breeze from E by S. Smooth sea. Bright moonlight. Aneroid 29.99.

Moon mid Examined and found to be correct.

Dec 14 15° 56' S

Phase first quarter

W. H. Parker  
Lieut & Navigator.

LOG of the UNITED STATES Steamer "Essex", 3d Rate, 6 Guns,  
Making passage from Callao, Peru to Honolulu, Sandwich Islands

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M																
1	4.0	Hot N 1/2 W	E NE	3			30.13	77	77	76	76	bcp	cumulus	5	S fit. all square sail ex-	
2	4.0	"	"	3			30.12	77	77	76	76	b0	"	7	" aft, mainsail, studding	
3	4.0	"	"	3			30.11	76	77	76	76	"	"	8	" both sides	
4	5.0	"	"	3			30.10	76	77	76	76	"	cumulus	9	"	
5	5.2	"	E S E	4			30.10	76	77	74	76	"	cir	9	"	
6	5.6	"	"	4			30.10	76	77	74	76	"	cumulus	8	"	
7	5.8	"	"	4			30.10	76	77	74	76	"	"	6	"	
8	6.0	"	"	4			30.10	78	77	74	76	"	"	8	"	
9	6.0	"	"	4			30.15	78	78	73	76	"	"	8	" Took in stbd studding	
10	5.6	"	"	4			30.19	78	78	73	76	"	cumulus	8	" Set stbd studding	
11	5.8	"	"	4			30.19	78	78	73	76	"	cumulus	8	"	
Noon.	5.4	"	"	4			30.19	78	78	74	76	"	"	8	"	

Distance run by Log since preceding Noon

123 knots 5 fathoms

Latitude by D. R. at Noon

20° 41' 13" N

Longitude by D. R. at Noon

154° 07' 00" W

Latitude by Observations at Noon ☽

20° 36' 21" N

Longitude by Chronometer from Forenoon Observations ☽

154° 01' 00" W

Current during the time      knots      fms. per hour, setting to the

P

Variation of the Compass by Amplitude ☽ observed at Sunrise

•      "

Variation of the Compass by Azimuth ☽ observed at 8 A.M.

9° 00' 00" E

Water expended during the preceding 24 hours

350 gallons.

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1500 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

40 " 956 "

P. M.																	
1	2	3	Strong WSW	E S E	3		30.17	79	81	74	76	b0	cir.	8	8		
2	4.4	W by S	"	E S E	3		30.16	79	80	73	76	"	cumulus	6	"		
3	3.8	"	"	"	3		30.16	79	80	73	76	"	"	6	"		
4	3.8	"	"	"	3		30.15	79	80	73	76	"	"	7	"		
5	4.0	"	"	E by S	3		30.10	78	78	73	76	"	cumulus	7	"		
6	4.0	"	"	"	3		30.10	78	78	73	76	"	"	7	"		
7	4.0	"	"	"	3		30.10	78	78	73	76	"	"	7	"		
8	4.8	"	"	"	3		30.10	78	78	73	76	"	"	8	"		
9	4.11	"	"	"	3		30.15	78	79	73	76	"	cumulus	8	"		
10	4.8	"	"	"	3		30.19	78	79	74	76	"	"	8	"		
11	5.2	"	"	"	4		30.10	77	78	74	76	"	"	8	"		
Mid.	5.2	"	"	"	4		30.10	77	78	73	76	"	"	8	"		

Longitude by Chronometer from Afternoon Observations ☽

153° 58' 00" W

Longitude by Chronometer from Observations \*

•      "

Variation of the Compass by Amplitude      observed at Sunset

•      "

Variation of the Compass by      at

•      "

under the command of

Commander A. H. McCormick

, U. S. Navy,

Saturday June 16<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Weather clear and pleasant. Gentle breeze from E.N.E. Barometer falling slowly. Aneroid barometer 29.99.  
7 A.M. Dr. Parker, Lieut  
11 to 8 A.M. Weather clear and pleasant. Moderate breeze from E.S.E. Smooth sea. Barometer steady. Aneroid at end of watch 30.02

8 A.M. to Meridian. Clear and warm. Moderate breeze from E.S.E. Barometer rising. Took in starboard studdinggails at 8°, sent down and scrubbed the booms, sent them aloft at 9° and set starboard studdinggails. Aneroid barometer 30.01.

W.W. Inn Master  
Meridian to 4 P.M. Clear and warm. Gentle breeze from E.S.E. Barometer falling slowly. Smooth sea. At 12.05 changed course to Wby N. All square sail except mainail with staysails both sides. Aneroid 29.98.

4 to 6 P.M. Weather clear and pleasant. Barometer steady. Gentle breeze from E by S. Furled and unbent mainsail and unrodd main sail gear. Hoisted smokestack and made preparations for starting fires. Aneroid barometer 29.98.

7 A.M. Dr. Parker, Lieut  
6 to 8 P.M. Weather clear and pleasant. Gentle breeze from E by S. Smooth sea. Barometer steady. Sighted Mauna Kea, Island of Hawaii at 6.10 bearing S $\frac{1}{2}$ W by S. Aneroid, at end of watch 29.98.

8 P.M. to Midnight. Clear delightful weather. Bright moonlight. Moderate breeze from E by S. Barometer rising. Aneroid bar. 30.00

W.W. Inn Master

Moon longitude Examined and found to be correct.

Dec. 16° 39' 16" S'

Phase First Quarter

W.W. Parker  
Lieut, Navigator.

LOG of the UNITED STATES

Steamer "Essex"

3<sup>d</sup> Rate, 6 Guns,

Making passage from Callao, Peru, to Honolulu, Sandwich Islands

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M																
21° 05'	1	5 0	N by E	ESE	4		30.19	77	78	73	76	bc	cirrus	8	8	fib. squaus sail ex-
185° 00'	2	5 0	"	"	4		30.17	77	78	73	76	"	"	6	"	aft mainsail and
	3	4 8	"	"	4		30.16	77	78	73	76	"	"	8	"	studs both sides
	4	4 8	"	"	3		30.14	77	78	73	76	"	"	8	"	
	5	5 0	"	E by S	3		30.10	77	77	70	76	"	cumulus	6	"	
	6	5 0	"	"	3		30.12	77	77	70	76	"	cirrus	7	"	
	7	5 0	"	"	3		30.12	77	77	70	76	"	"	8	"	
21° 14'	8	5 0	"	"	3		30.12	78	78	70	76	"	"	8	"	
185° 36'	9	2 4	West	ESE	3		30.10	77	77	73	76	"	cirrus	8	"	fore main trysail
	10	4 8	"	S E	3		30.10	77	77	73	76	"	"	9	"	studs both sides
	11	5 2	"	"	11		30.10	77	78	76	76	"	cirrus	9	"	Set main trysail
Noon.	6	2	"	"	4		30.06	77	78	76	76	"	"	9	"	

Distance run by Log since preceding Noon:

195 knots 8 fathoms

Latitude by D. R. at Noon:

21° 09' 06" N

Longitude by D. R. at Noon:

105° 52' 50" W

Latitude by Observations at Noon ☽:

21° 17' 40" N

Longitude by Chronometer from Forenoon Observations ☽:

105° 55' 00" W

Current during the time 0.37 knots fms. per hour, setting to the

N 17° W

Variation of the Compass by Amplitude ☽ observed at Sunrise:

• " "

Variation of the Compass by Azimuth ☽ observed at S. a. n:

9° 30' E

Water expended during the preceding 24 hours:

350 gallons.

Water during the preceding 24 hours:

900 "

Water remaining on hand fit for use at Noon:

2050 "

Coal consumed during the preceding 24 hours:

1 tons 260 lbs.

Coal remaining on hand at Noon:

36 " 696 "

P. M.																
1	5 6	N by S.	ESE	11		30.11	77	78	70	76	bc	cirrus	8	8	boat in main trysail	
2	5 5	"	"	4		30.11	78	78	70	76	"	"	8	"	and Port lower studgil	
3	5 5	"	E by S	4		30.10	77	78	73	76	"	"	8	"	Set flying jib and	
4	5 11	"	East	11		30.10	77	79	74	77	"	"	8	"	Staysail	
5	5 11	"	"	11		30.10	78	79	74	77	"	"	8	"		
6	6 11	"	"	11		30.10	78	79	74	77	"	"	6	"		
n	5 5	"	ESE.	11		30.12	78	79	74	77	"	cumulus	4	"		
21° 12'	8	5 4	"	11		30.11	78	79	74	77	"	"	6	"		
15° 41'	9	7 0	"	5		30.10	77	78	74	77	"	cirrus	4	"		
	10	7 2	"	5		30.09	78	78	74	77	"	"	4	"		
	11	7 11	"	East	5	30.05	78	78	74	77	"	"	8	"		
Mid.	7 0	"	"	5		30.05	78	78	74	77	"	"	9	"		

Longitude by Chronometer from Afternoon Observations ☽:

105° 50' 00" W

Longitude by Chronometer from Observations \*:

• " "

Variation of the Compass by Amplitude observed at Sunset:

• " "

Variation of the Compass by at

• " "

under the command of

Commander A. H. M<sup>c</sup>Cormick

, U. S. Navy,

Sunday. June 17<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences, and until 11 A.M. Clear and pleasant. Light breeze from ESE. Smooth sea. Bright moonlight until 3 when the moon set, Aneroid 29.98.

Warming-de-reeve ~~on~~ Lieut

4 to 8 A.M. Clear and pleasant weather. Barometer steady. Cumulus cirro-cumulus, and cumulo-stratus clouds. Gentle breeze from E by S. At 4 started fires under two forward port boilers and at 6.30 began to distil water. Aneroid barometer 30.02. At day light sighted high land two points on port bow and two points abafe port bow.

Karl Nohre, ~~on~~ Lieut

8 A.M. to Meridian. Weather clear and warm. Gentle breeze from Sd and E. Smooth sea. Barometer steady. Changed course at 8.30 West. Took in all starboard studding-sails at 9.00. Mustered, at quarters, at 9.15. Sand in eight at intervals throughout watch to S<sup>o</sup> and W<sup>o</sup>. Set main tryail at 11.00. Distilling. Aneroid, at end of watch 30.00.

P.R.C.R. Lieut

Meridian to 4 P.M. Clear and warm. Moderate breeze from SSE, hailing to East; at 10<sup>oo</sup> changed course to W by S, took in lower stern sail and set flying jib and fore topsail and stay sail. At 1<sup>oo</sup> took in main tryail. At 12<sup>oo</sup> sighted Molokai Island, on port, on port bow, bearing (p) 91. S. 91. Aneroid 29.98.

W.W. Inn Master

4 to 6 P.M. Clear delightful weather. Moderate breeze from East, sea smooth. Distilling. At end of watch standing along to the N<sup>o</sup> of the Hawaiian Islands. east end of Maui Island bore (p) S.E. West end (p) S.W. 1/4 W. Aneroid 29.96. Patent-log at end of watch 82. Bent both cables.

Warming-de-reeve ~~on~~ Lieut

6 to 8 P.M. Weather clear and pleasant. Moderate breeze from ESE. Barometer rising. Sand in sight on port bow, beam, and quarter. Distilling. Aneroid barometer 30.00.

Karl Nohre, Lieut

8 P.M. until Midnight. Weather clear and pleasant. Bright moonlight, Barometer falling. At 8<sup>oo</sup> the southern point of Molokai bore I by E. Running along parallel to northern coast remainder of watch. Aneroid 30.00.

P.R.C.R. Lieut

Moon mid Examined and found to be correct.

Dec 18° 32' 36" S

Phase 1<sup>st</sup> Quarter

W. J. Parker  
Lieut Navigator.

LOG of the UNITED STATES

Steamer "Essex"

3d Rate, 6 Guns,

Making passage from Callao, Peru to Honolulu, Sandwich Islands

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M																
1	4.0	12	W by S	S. W.	East	4	30.11	77	77	74	76	b0	cum	8	S	Square sail, except
2	4.0	4	West	E by S.	2		30.11	77	77	74	76	"	"	6	"	mainsail with jib and
3	4.0	"	"	"	2		30.10	78	77	74	76	"	"	6	"	all port studdgs.
4	6.0	"	"	"	0-1		30.10	78	78	74	76	"	cum nimbo	5	"	Hoist in port studdgs
5	Standing towards Honolulu.			"	1		30.10	78	78	74	76	"	"	5	"	and royals. Set royals
6	Honolulu.			"	1		30.12	78	78	74	76	"	"	6	"	Hoist in all sail
7	"			"	1		30.14	79	79	74	76	"	"	7	"	
8	Anchored			E N.E.	1		30.14	80	81	75	"	"	"	8	"	
9	"		N E by E	N E by E.	1		30.16	80	80	73	"	"	cum	7	"	
10	"		"	"	1		30.15	80	80	73	"	"	"	7	"	
11	"		"	"	1		30.15	80	80	73	"	"	"	7	"	
Noon.				"	1		30.15	80	80	73	"	"	"	7	"	

Distance run by Log since preceding Noon

knots: fathoms.

Latitude by D. R. at Noon

° " "

Longitude by D. R. at Noon

° " "

Latitude by Observations at Noon ☽

° " "

Longitude by Chronometer from Forenoon Observations ☽

° " "

Current during the time      knots      fms. per hour, setting to the

° " "

Variation of the Compass by Amplitude ☽ observed at Sunrise

° " "

Variation of the Compass by Azimuth ☽ observed at

° " "

Water expended during the preceding 24 hours

350 gallons.

Water distilled during the preceding 24 hours

1750 "

Water remaining on hand fit for use at Noon

2750 "

Coal consumed during the preceding 24 hours

3 tons 1080 lbs.

Coal remaining on hand at Noon

85 " 1856 "

P. M.																
1	Moored	N E by E	N E by E	2			30.10	80	82	73	b0	cum	7	S		
2	"	"	"	2			30.10	82	82	73	"	"	8	"		
3	"	"	"	3			30.10	82	82	73	"	"	8	"		
4	"	"	"	2			30.10	82	82	73	"	"	8	"		
5	"	"	"	2			30.11	82	80	76	"	"	8	"		
6	"	"	"	2			30.17	82	80	77	"	"	8	"		
7	"	"	"	2			30.18	82	78	76	"	cum nimbo	6	"		
8	"	"	"	1			30.19	81	78	74	"	"	6	"		
9	"	"	"	2			30.17	80	78	74	"	cum nimbo	4	"		
10	"	"	"	3			30.17	80	77	69	"	"	5	"		
11	"	"	"	3			30.17	80	77	69	"	"	4	"		
Mid.	"	"	"	3			30.15	80	77	69	"	"	4	"		

Longitude by Chronometer from Afternoon Observations ☽

° " "

Longitude by Chronometer from Observations \*

° " "

Variation of the Compass by Amplitude      observed at Sunset

° " "

Variation of the Compass by      at

° " "

under the command of

Commander A. H. M<sup>o</sup> Cormick, U. S. Navy,  
Monday, June 18<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 P.M. clear and pleasant. Bright moonlight. Fresh breeze from S hauling to E by S, and falling light. At 12<sup>25</sup> took in all port studding-sails, and changed to S. W. At 12<sup>45</sup> took in royals, and at 1<sup>00</sup> set royals and flying-jib. At 1<sup>53</sup> changed course to N. At 2<sup>35</sup> spread fires in four port boilers. Took in, and furled, all sail. At 2<sup>22</sup> started ahead under steam. At 3<sup>15</sup> sighted Oahu Island bearing (po) N. N. W. and at same time lost sight of Molokai light bearing (po) S E by E  $\frac{1}{4}$  E. Aneroid barometer 29.98.

4 to 8 A.M. Master  
Clear and pleasant. Light breeze from E by S. Smooth sea. From 4. standing towards Honolulu. At 7 entered the channel and at 7.30 let go starboard anchor, and hauled stern to reef. At 6.30 exchanged numbers with U.S.S. "Hartford". At 7.15 made signal 1560, "Hartford" answered 904. At 7.30 made signal 4557. Aneroid 30.00. Departure from anchorage.

W.M. Dunn Master

8 A.M. to Meridian. Warm, pleasant weather. Light airs from N E by E. Barometer steady. Aneroid 29.99. At 9.00 an officer from the French corvette "Eclaircise" paid an official visit on board. At 9.20 dressed ship with Hawaiian flag at main, and ensigns at mast-heads in honor of the birthday of Kamahameha I. At 9.25 made general signal, Set 6068. to the "Hartford" which was answered by 904. Sent down topgallant-sail and royal yards. At 9.35 made general signal Set 6107 which was answered by 904. Umbrella and made preparations for blacking down. At 10.15 the "Hartford" unmoored and steamed outside of the reef and anchored. The U.S. Consul came on board and was received with the usual honors. At 12.00 the U.S.S. "Hartford" fired a salute of 21 guns, also the battery on shore.

H.D. Dunn Ensign

Meridian to 4 P.M. Weather clear and pleasant. Light to gentle breeze from N E by E. Barometer steady. Cirro-cumulus clouds. Tacked down the rigging. Sent a liberty party on shore. At 3.30 made signal: Set No 4881 which the "Hartford" answered with signal 904. Got up hammock quiltines. An eroid barometer 29.96.

Karl Kohler, Lieut

4 to 8 P.M. Cloudy but pleasant. Light breezes, and airs from N E by E. blowing in puffs. Barometer rising. Aneroid 30.00. Served out clean hammocks at evening quarters. At 515 "Hartford" made tel signal 8277.84948, 1623

H.D. Dunn Ensign

8 P.M. to midnight. Weather pleasant. Barometer falling. Clouds cirro-cumulus, cumulus, and nimbus. Gentle breeze from N E by E. Very light passing showers of rain in early part of watch. Aneroid 30.01.

Karl Kohler, P.R. Scub

Moon mid Examined and found to be correct.

Dec 19° 39' 07" S.

Phase 1<sup>3</sup> March

W. S. V. Parker  
Lieut & Navigator.

LOG of the UNITED STATES

Steamer "Essix"  
Honolulu, Hawaiian Islands.

, 3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Pct of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Moored	N by E	48	2				30.15	79	78	70		b	circum	7	8	
2	"	"	"		2		30.15	79	78	70		"	"	6	"	
3	"	"	"		3		30.15	79	78	70		"	"	6	"	
4	"	"	"		3-6		30.15	78	78	70		bog	"	5	"	
5	"	"	"		3		30.13	77	75	73		b	strat. cumulus	5	"	
6	"	"	"		1		30.13	77	75	73		"	cir cum obs	6	"	
7	"	"	"		1		30.17	77	76	75		"	"	6	"	
8	"	"	"		1		30.19	77	77	73		"	cir cum 3 cum	8	"	
9	"	"	"		2		30.19	78	78	73		"	"	6	"	
10	"	"	"		3		30.19	80	79	71		"	"	6	"	
11	"	"	"		3		30.19	80	79	71		"	"	8	"	
Noon.	"	"	"		2		30.18	80	79	71		"	"	7	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

350 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2400 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

35 " 1556 "

P. M.																	
1	"	N by E	NE	2			30.18	80	79	71		b	circum	7	8		
2	"	"	"	2			30.14	80	80	71		"	"	7	"		
3	"	"	"	2			30.14	80	80	71		"	"	7	"		
4	"	"	"	2			30.14	80	80	71		"	"	7	"		
5	"	"	"	4			30.06	80	80	71		"	circum 3 cum	8	"		
6	"	"	"	3			30.06	80	78	69		"	"	6	"		
7	"	"	"	3			30.08	78	78	69		"	cum min	6	"		
8	"	"	"	2			30.07	78	78	69		"	"	5	"		
9	"	"	"	2			30.10	78	78	69		"	"	5	"		
10	"	"	"	2			30.15	78	78	69		"	"	4	"		
11	"	"	"	2			30.18	79	79	69		"	"	3	"		
Mid.	"	"	"	2			30.18	79	79	69		"	"	5	"		

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. M<sup>o</sup> Cornick

, U. S. Navy,

Tuesday. June 19<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a.m. Weather clear and pleasant, Gentle breeze from N.E. Barometer steady. Bright moonlight. Aneroid 30.00.

4 to 8 A.M. Weather pleasant but cloudy. Gentle breeze to light air from N.E. Barometer rising. Aneroid 30.02. At 5<sup>55</sup> "Hartford" got underway and steamed to sea. Pro<sup>d</sup> on board in Pay. Dept., 99 lbs of fresh beef and 79 loaves of bread.

8 A.M. to Meridian Clear and pleasant weather. Light to gentle breeze from N.E. Barometer steady. Cirro-cumulus and nimbus clouds. At 9.30 mustered crew at quarters and found Daniel Howell (Sds) Oscar Walker (Pet M.), and William White (2C Fire) absent from the ship without leave. Crew employed in scraping the ship outside. Aneroid barometer 30.01.

Meridian to 4 P.M. Weather clear and pleasant. Fresh breeze from N.E. Barometer steady. Crew at work scraping outside of ship. Robert E. Henry (3d. 2 C.) left boat without permission and remained on shore. At 2.30 the U.S.S. "Hartford" got underway and left the harbor. Aneroid at end of watch 29.98.

4 to 8 P.M. Weather clear and pleasant. Light to moderate breeze from N.E. Barometer steady. Cumulus nimbus and cirro-cumulus clouds. Mustered crew at quarters finding the same men away from ship without leave as were absent at morning quarters. Five local steamers went to sea, as did a barge and a schooner. Aneroid barometer 30.01.

8 P.M. to Midnight. Weather clear and pleasant, Gentle breeze from N.E. Barometer rising. Aneroid 30.02.

Moon Longid Examined and found to be correct.

Dec 19° 44' 06" S  
Phase 1<sup>st</sup> quarter

W. A. Parker  
Lieut-<sup>d</sup> Navigator.

## LOG of the UNITED STATES

*Steamer Essex*, 3d Rate, 6 Guns,  
Honolulu, Hawaiian Islands.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Mored	18 by E.	18.		/			30.15	78	75	69		bcd	circum	7	8	
2	"	"		"	/		30.15	78	75	69		"	"	7	"	
3	"	"		"	/		30.13	78	75	69		"	"	7	"	
4	"	"		"	/		30.13	78	75	69		"	"	7	"	
5	"	"		"	2		30.15	77	75	72		"	cirrus	8	"	
6	"	"		"	2		30.17	77	75	72		"	"	6	"	
7	"	"		"	3		30.19	77	76	74		b0	"	8	"	
8	"	"		"	3		30.20	77	77	75		"	"	7	"	
9	"	"		18 by E	2		30.20	77	77	75		"	cirrus	6	"	
10	"	"		"	3		30.20	79	79	71		"	"	7	"	
11	"	"		"	3		30.20	79	79	71		"	"	6	"	
Noon.	"	"		"	2		30.20	80	80	72		"	"	6	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ○

°

"

Longitude by Chronometer from Forenoon Observations ○

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ○ observed at Sunrise

°

"

Variation of the Compass by Azimuth ○ observed at

°

"

Water expended during the preceding 24 hours

350 gallons.

"

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2000 "

"

Coal consumed during the preceding 24 hours

tons 300 lbs.

"

Coal remaining on hand at Noon

130 " 668 "

"

P. M.																
1	.	18 by E	18 by E.	2			30.20	80	80	72		b0	circum	6	8	
2	"	"	"	3			30.20	80	80	72		"	"	6	"	
3	"	"	"	3			30.18	81	80	72		"	"	6	"	
4	"	"	"	3			30.16	81	80	72		"	"	7	"	
5	"	"	"	3			30.15	81	80	72		"	cirrus	8	"	
6	"	"	"	3			30.15	81	80	72		"	"	7	"	
7	"	"	"	2			30.18	80	80	72		"	"	6	"	
8	"	"	"	2			30.17	80	78	71		"	"	6	"	
9	"	"	"	1			30.18	80	78	71		"	circum	6	"	
10	"	"	"	1			30.19	80	78	71		bcp	"	7	"	
11	"	"	"	1			30.19	79	77	71		"	"	7	"	
Mid.	"	"	"	1			30.18	78	77	71		"	"	7	"	

Longitude by Chronometer from Afternoon Observations ○

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. W<sup>2</sup> Comwick, U. S. Navy,  
Wednesday, June 20<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Pleasant weather, light airs from N.E. Barometer steady. Aneroid bar. 30.01.

W.W. Dunn Master

4 to 8 A.M. Weather clear and pleasant, light to gentle breeze from N.E. Barometer rising. Cumulus and nimbus clouds. Made preparations for coaling. Aneroid barometer 30.02

Jarl Rohar, Lieut

8 AM to Meridian. Weather clear and warm. Gentle breeze from N<sup>d</sup> and E<sup>o</sup>. Barometer steady. Coaling ship. The Commanding Officer and officers left the ship at 11<sup>30</sup> to attend a special reception given in their honor by his Majesty the King of Hawaii. Aneroid at end of watch 30.01.

P.R. Lieut  
Meridian to 4 PM. Clear and warm. Moderate breeze from N<sup>E</sup> by E. with occasional fresh puffs. Continued coaling ship. Sent a liberty party ashore. Aneroid barometer at the close 29.98.

W.W. Dunn Master

4 to 8 PM. Weather clear and pleasant. Gentle breeze from N<sup>d</sup> and E<sup>o</sup>. Barometer rising. Finished coaling. Aneroid at end of watch 30.00.

G. Keye Lieut

8 PM to Midnight. Pleasant weather, bright moonlight, occasional light showers. Light breeze from N<sup>E</sup> by E. Barometer steady. Aneroid barometer 30.00.

W.W. Dunn Master

Morn lmid Examined and found to be correct.

Dec 18° 44' 24" S

Phase Full moon

W. J. T. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

Steamer "Essia", 3d Rate, 6 Guns,  
Honolulu, Hawaiian Islands.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Morr'd	18 by 8	18	N E	2			30.16	78	77	75		b c	cirrus cumulus	7	8	
2	"	"	"	2			30.14	78	77	75		"	"	6	"	
3	"	"	"	2			30.12	78	77	75		"	"	6	"	
4	"	"	"	3.5			30.12	78	77	75		b c q	"	5	"	
5	"	"	"	2			30.15	77	77	70		b l p	"	4	"	
6	"	"	18 by 8	3			30.18	77	77	70		"	"	3	"	
7	"	"	"	3			30.18	77	76	79		"	"	4	"	
8	"	"	"	3			30.18	76	78	70		"	"	4	"	
9	"	"	"	3			30.20	76	75	70		b c	"	4	"	
10	"	"	"	3			30.20	76	76	70		"	cirrus	5	"	
11	"	"	"	2			30.20	78	77	70		"	"	6	"	
Noon.	"	"	"	2			30.19	78	78	70		"	"	6	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

"

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

350 gallons.

"

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1700 "

"

Coal consumed during the preceding 24 hours

tons 300 lbs.

"

Coal remaining on hand at Noon

130 " 368 "

"

P. M.																	
1	"	18 by 8	18 by 8.	2			30.17	80	79	71		b c	cirrus	6	8		
2	"	"	"	2			30.16	80	79	71		"	"	7	"		
3	"	"	"	2			30.14	80	79	71		"	"	6	"		
4	"	"	"	3			30.14	81	80	71		"	"	7	"		
5	"	"	"	3			30.15	80	80	71		"	"	8	"		
6	"	"	"	3			30.15	80	78	69		"	cumulus	7	"		
7	"	"	"	11			30.15	77	77	69		"	"	7	"		
8	"	"	"	11			30.18	78	77	69		"	"	8	"		
9	"	"	"	2			30.15	78	77	71		"	"	8	"		
10	"	"	"	2			30.15	78	77	71		"	"	8	"		
11	"	"	"	2			30.15	78	77	71		"	"	8	"		
Mid.	"	"	"	2			30.15	78	77	71		"	"	8	"		

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. M<sup>c</sup>Cormick

, U. S. Navy,

Thursday, June 21<sup>st</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Light breeze from N.E. Bright moonlight. Aneroid 30.04.

4 to 8 A.M. Weather partly cloudy with passing showers. Barometer steady. Aneroid at end of watch 30.04. Received on board for ships company 99 lbs of fresh beef.

8 A.M. until Meridian. Cloudy and cool. Moderate breeze from N.E. by E. Went to quarters for inspection at 9.20; Paul Howell. (Ld) W<sup>m</sup> White. (2<sup>d</sup> Fire) Oscar Walker. (Pvt M) Robert E. Henry. (O2d) Jas. Cameron. (C.C.) and Jas. Williams. (Jof A), absent without leave. Crew employed in scraping ship outside. Received on board in Construction Department 10 gall. raw oil, 10 gall. boiled oil, 10 gall. turpentine, 400 lbs. white lead & 26 lbs of putty. Aneroid 30.04.

W.W. Dunn Master

Meridian to 11 P.M. Clear and pleasant. Light to moderate breeze with occasional puffs from N.E. by E. Scraping outside of ship. Rob<sup>t</sup> Woolley ('Sea') was placed in double irons for safe keeping for leaving ship without permission. Aneroid 29.96.

W.W. Dunn Master

11 to 8 P.M. Pleasant weather. Moderate breeze from N.E. by E. Barometer steady. Aneroid barometer 30.00.

W.W. Dunn Master

8 P.M. to Midnight. Clear delightful weather. Light air with occasional puffs of wind from N.E. by E. Aneroid 30.02. Bright moonlight.

W.W. Dunn Master

Moon Liquid Examined and found to be correct.

Dec 16.. 51.. 51 S

Phase Full moon

W. H. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

*Steamer Essex*, 3d Rate, 6 Guns,  
Honolulu S.I.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Moored	N 8 by E.	N 8 by E.	4			30.17	78	77	75		bc	Circum	7	8	
2	"	"	"	4			30.17	78	77	75		"	"	9	"	
3	"	"	"	4			30.17	78	77	75		"	"	8	"	
4	"	"	"	4			30.17	78	77	75		"	"	8	"	
5	"	"	"	3			30.18	77	77	75		"	Circum Cumulus	8	"	
6	"	"	"	2			30.20	77	76	74		"	"	7	"	
7	"	"	"	4			30.20	77	76	73		"	"	7	"	
8	"	"	"	3			30.20	77	77	74		"	"	8	"	
9	"	"	"	2			30.20	78	78	71		"	Circum	8	"	
10	"	"	"	2			30.20	79	79	71		"	"	8	"	
11	"	"	"	2			30.20	80	80	71		"	"	8	"	
Noon.	"	"	"	2			30.20	80	81	72		"	"	8	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

370 gallons.

Water                          during the preceding 24 hours

"

"

Water remaining on hand fit for use at Noon

1330 "

"

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

130 " 68 "

"

P. M.																	
1	"	N 8 by E.	N 8 by E.	2			30.18	81	81	72		bc	Circum	8	,		
2	"	"	N. N. E.	2			30.16	80	81	72		"	"	8	"		
3	"	"	N 8 by E	2			30.16	80	81	72		"	"	7	"		
4	"	"	"	2			30.16	80	81	72		"	"	8	"		
5	"	"	"	2			30.16	81	81	72		"	"	7	"		
6	"	"	"	3			30.17	80	80	72		"	Circum Cumulus	5	"		
7	"	"	"	2			30.20	79	79	71		"	"	6	"		
8	"	"	"	2			30.20	79	79	71		"	"	5	"		
9	"	"	"	2			30.20	80	78	71		"	Circum	7	"		
10	"	"	"	1			30.20	80	78	72		"	"	7	"		
11	"	"	"	3			30.20	80	78	72		"	"	8	"		
Mid.	"	"	"	1			30.20	80	78	72		"	"	8	"		

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. M<sup>o</sup> Cormick

, U. S. Navy,

Friday. June 22<sup>d</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Clear and pleasant with moderate breeze from N.E. by E. blowing in puffs. Bright moonlight. Barometer steady. Aneroid 30.02.

H. O. Dunn, Ensign.

11 to 8 A.M. Pleasant weather. Moderate breeze from N.E. by E. with occasional puffs. Barometer rising slowly. Aneroid barometer 30.04.

W. W. Smith. Master

8 A.M. to Meridian. Clear delightful weather. Moderate breeze from N.E. by E. At 9.30 mustered at quarters; the following named men were found absent without leave. - viz: Danl. Cowell, (Sds.) Am. White, (2c't) Oscar Walker, (Pet. M.) Robt. C. Henry (S. 2d.) and Henry Schmale, (Sds) By order of Commanding Officer: Robert Woolley (Sea) was placed in double irons for five days for going ashore on catamaran without permission, and P. Devaney, (Sds) was confined for safe keeping, and at end of two hours released. Scraping outside of ship. Aneroid 30.02.

W. W. Smith - Record

W. W. Smith. Lieut

Meridian to 4 P.M. Clear and pleasant. Light breeze from N.E. by E. and N.N.E. Barometer steady. Aneroid 30.00. Engaged in scraping ship outside. Sent a liberty party on shore.

H. O. Dunn, Ensign.

11 to 8 P.M. Clear and pleasant, light to moderate breeze in puffs from N.E. by E. At 4.45 mustered at quarters and found the same men absent without permission as at morning quarters. Crew engaged in scraping outside of ship, and painting spars. Aneroid 30.04.

W. W. Smith - Record W. W. Smith. Lieut

8 P.M. to Midnight, Clear and pleasant. Bright moonlight, light airs to quite breezes from N.E. by E. Barometer steady. Aneroid 30.04. Robert C. Henry (S. 2d) returned on board, and was placed under sentry's charge for safe keeping.

H. O. Dunn, Ensign

Moon mid Examined and found to be correct.

Dec 13. 54.49 S

Phase Full Moon

W. W. Parker  
Lieut. Navigator.

## LOG of the UNITED STATES

Steamer "Essex", 3<sup>d</sup> Rate, 6 Guns,  
Honolulu, H. I.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Moored	N 8 by E	N 8 by E.	1				30.20	80	78	72		b c	circum	8	8	
2 "	"	"	2				30.18	79	77	71		"	"	6	"	
3 "	"	"	2				30.18	79	77	71		"	"	6	"	
4 "	"	"	2				30.18	79	77	71		b c b	circum numb	4	"	
5 "	"	"	2				30.18	79	77	71		b c f	"	2	"	
6 "	"	"	2				30.18	79	77	71		b c d	"	2	"	
7 "	"	"	1				30.18	79	77	71		"	"	4	"	
8 "	"	"	1				30.20	79	77	71		"	"	4	"	
9 "	"	"	1				30.18	79	77	71		"	"	6	"	
10 "	"	"	3				30.18	79	77	71		b c	"	5	"	
11 "	"	"	3				30.18	80	79	72		"	circum	6	"	
Noon.	"	"	East	3			30.20	80	80	72		"	"	4	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

360 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

980 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

129 " 2008 "

P. M.																	
1 "	N 8 by E	N 8 by E	2				30.20	81	80	72		b c	circum	7	8		
2 "	"	"	2				30.20	81	80	72		"	"	7	"		
3 "	"	E by S	3				30.18	81	80	72		"	"	7	"		
4 "	"	N 8 by E.	3				30.18	81	80	72		"	"	7	"		
5 "	"	"	3				30.18	80	80	72		"	"	5	"		
6 "	"	"	2				30.20	81	80	72		"	"	6	"		
7 "	"	"	3				30.22	80	79	73		"	circum	7	"		
8 "	"	"	2				30.20	80	79	72		"	8 numbs	7	"		
9 "	"	"	2				30.21	80	78	72		"	circum	8	"		
10 "	"	"	3				30.21	80	78	72		"	"	4	"		
11 "	"	"	2				30.21	80	78	72		"	"	11	"		
Mid.	"	"	2				30.21	79	77	72		"	"	4	"		

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. M<sup>o</sup> McCormick

, U. S. Navy,

Saturday. June 23d

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Barometer steady. Sight breeze from N & by E. Aneroid barometer 30.02.

Marlborough scrub

11 to 8 A.M. Hazy. Pleasant. Light airs from N & by E. Received on board in Pay Dept 98 lbs of fresh beef and vegetables and 78 loaves of bread. Amount \$30.08.

8 AM to Mudian. Cloudy but pleasant. Moderate to gentle breeze from N by E. Barometer falling slowly. Aneroid 30.00. The following named men are absent without leave, viz: Daniel Howell, (Sds) Wm White, (2C<sup>t</sup>) Oscar Walker, (PM) Henry Schmale, (Sds) J. Flaherty, (1d Fire.) Henry Hudson, (cox.) Joseph P. King, (Armoror) E. Gallagher, (Sds.) Louis F. Schuman, (cox.) and J. A. Smith, (Os); Robt E. Henry (Os) was placed under entry's charge to await trial by Court-martial. Cleared ship.

Meridian to 11. P.M., Weather clear and pleasant, light to gentle breeze from N.E. by E. to E. by S. Barometer falling. Engaged in painting ship outside. Arrived 30.00. Received on board in Construction Department 102 lbs of black paint.

11 to 8 PM, Pleasant weather. Moderate to light breeze from N.E. by E. blowing in puffs. Barometer rising. Aneroid 30.04. Painting outside of ship.

8 PM to Midnight, Weather clear and pleasant, sight to quite  
breeze from N & by E. Barometer steady. G. Hudson, Cox' Louis F.  
Schmidau. (Cox) and Joseph P. King. (Arkw.) returned to the ship.  
Aneroid barometer 30.06.

Karl Röhrer, Leist-

*Newland* Examined and found to be correct.

Examined and found to be correct

Examined and  
Dec 10° 25' 25" S  
Phase Full moon

W. H. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

Steamer "Eisca"  
Honolulu

3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Moored	18 by 6	18 by 6	2				30.22	78	76	78		b0	circum	7	8	
2	"	"	2				30.24	78	76	73		"	"	4	"	
3	"	"	3				30.22	78	76	73		"	"	5	"	
4	"	"	3				30.20	78	76	73		"	"	6	"	
5	"	"	1				30.20	78	76	73		"	"	6	"	
6	"	"	1				30.20	78	76	73		"	"	6	"	
7	"	"	2				30.20	78	76	73		"	"	5	"	
8	"	"	2				30.20	78	76	73		"	"	5	"	
9	"	"	2				30.24	78	78	75		"	circum	6	"	
10	"	"	3				30.25	78	78	76		"	"	6	"	
11	"	"	N.E.	3			30.27	79	79	76		"	"	5	"	
Noon.	"	"	"	3			30.26	79	79	77		"	"	6	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

:

:

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

gallons.

"

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

630

"

Coal consumed during the preceding 24 hours

tons 300 lbs.

"

Coal remaining on hand at Noon

129 "

"

P. M.																	
1	"	18 by 6	18 by 6	2.3			30.20	80	79	77		b0	circum	6	"		
2	"	"	"	2.4			30.20	80	79	77		"	"	8	"		
3	"	"	"	2.3			30.19	80	79	77		"	"	8	"		
4	"	"	"	3			30.19	80	79	77		"	"	8	"		
5	"	"	"	3			30.24	80	79	77		"	"	8	"		
6	"	"	"	11			30.20	79	77	76		"	circum	7	"		
7	"	"	"	3			30.20	79	77	78		"	"	8	"		
8	"	"	"	11			30.22	79	76	74		"	"	8	"		
9	"	"	"	2			30.20	79	76	75		"	"	8	"		
10	"	"	"	2			30.20	79	76	75		"	"	7	"		
11	"	"	"	2			30.20	79	76	75		"	"	6	"		
Mid.	"	"	"	2			30.20	79	76	75		"	"	6	"		

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by

at

°

"

under the command of

Commander A. H. M<sup>c</sup> Connick

, U. S. Navy,

Sunday, June 24th

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 14 A.M. Weather clear and pleasant. Gentle breeze from N and E. Barometer steady. Aneroid 30.06.

14 to 8 A.M. Weather cloudy and pleasant, light airs and breezes from N by E. Barometer steady. Aneroid 30.08. Received on board in Pay Clerk 98 lbs of fresh beef and 48 loaves of bread.

8 A.M. to Meridian. Weather clear and pleasant, light to quite breeze from N E by E. to N E. Barometer rising. Clouds Cirro-cumulus and cumulus. At 9.30 the Captain inspected the ship and the crew at quarters. John Flaherty (1st Class) was brought on board by a police officer and a reward of ten dollars (\$10<sup>00</sup>) was paid for his apprehension and delivery on board. Daniel Howell (Sds) 2nd White (2nd) Oscar Walker (Pet W) Edward Gallagher (Sds) J. A. Smith (O) and Ah Sam (Pabin Cook) were found absent without leave, Ah Sam (O) returned on board at 11.20. Aneroid barometer 30.07.

Meridian to 11. P.M. Weather clear and warm, Wind fitful from N E by E. Barometer falling. Aneroid 30.02.

11 to 8. P.M. Weather clear and pleasant, light to moderate breeze from N E by E. Barometer steady. Clouds Cirro-cumulus and nimbus. Aneroid barometer 30.06.

8. P.M. to Midnight, Weather clear and pleasant, Gentle breeze from N E by E. Barometer steady. Aneroid at end of watch 30.08.

Carl Hobbs, Lieut

John R. Lint

John Parker, Lieut

Moonlight Examined and found to be correct.

Dec 6<sup>th</sup>

06.26<sup>th</sup>

S

Phase Full Moon

W. H. Parker  
Lieut, Navigator.

## LOG of the UNITED STATES

Steamer "Essex"      -38 Rate, 6 Guns,  
Honolulu, H. I.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sea the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Noon	N 8 by E	N 8 by E	2			30.18	78	75	74		bc	Cirrus minutus	5	6	
2	"	"	"	2			30.20	78	75	74		"	"	6	"	
3	"	"	"	3			30.20	78	75	74		bcp.	Cumulus	4	"	
4	"	"	"	3			30.20	78	75	74		"	"	6	"	
5	"	"	"	2			30.20	78	75	74		"	"	5	"	
6	"	"	"	2			30.20	78	75	74		"	"	5	"	
7	"	"	"	1			30.20	78	75	74		bc	"	5	"	
8	"	"	"	1			30.20	78	76	75		"	"	6	"	
9	"	"	"	2			30.20	80	78	75		"	"	7	"	
10	"	"	"	2			30.22	81	80	75		"	"	7	"	
11	"	"	"	2			30.22	81	80	75		"	"	7	"	
Noon.	"	"	"	(3)			30.22	81	80	75		"	"	7	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

860 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

280 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

129 " 1408 "

P. M.																	
1	"	N 8 by E	N 8 by E	2			30.22	80	79	71		bc	Cirrus minutus	6	"		
2	"	"	East	3			30.21	80	79	71		"	"	6	"		
3	"	"	"	3			30.20	80	79	71		"	"	7	"		
4	"	"	"	2			30.20	80	79	71		"	"	7	"		
5	"	"	"	2			30.20	80	79	70		"	"	8	"		
6	"	"	"	2			30.20	80	78	69		"	"	9	"		
7	"	"	"	3			30.20	79	77	68		"	Cirrus minutus	8	"		
8	"	"	"	4			30.20	79	77	68		"	"	7	"		
9	"	"	"	4			30.20	79	77	68		"	"	6	"		
10	"	"	"	3			30.22	79	77	68		"	"	5	"		
11	"	"	"	3			30.22	79	77	69		"	"	5	"		
Mid.	"	"	"	3			30.21	79	77	69		"	"	5	"		

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. M<sup>o</sup> Connick

, U. S. Navy,

Monday, June 25th

1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Pleasant weather, bright moonlight. Moderate breeze from N by E. Barometer steady. Aneroid barometer 30.05.

W.M. Inn Master

4 to 8 A.M. Weather pleasant, Light passing showers of rain in early part of watch. Light breeze from N by E. Barometer steady. Cumulus and cumibus clouds. Aneroid barometer 30.09.

8 A.M. to Meridian. Weather clear and warm. Gentle breeze from N by E. Barometer steady. Mustered at quarters at 9<sup>30</sup>. The following named men were absent without leave. Daniel Howell, (Sds) Wm White, (Actr) Oscar Walker, (Pvt MS) Henry Schmale, (Sds) Edward Gallagher, (Sds) Louis Quisteb, (Cw Mr) John W<sup>o</sup> Mullin, (DCT) J. J. W<sup>o</sup> Dunn, (Sds) and Wm Cooke, (DCT). At 11.15 the Hawaiian Prime Minister and the American Minister visited the ship and were received with the usual official ceremonies. Aneroid 30.06.

W.M. Inn Sixth

Meridian to 4 P.M. Pleasant weather. Moderate breeze from N by E hauling to the E. Crew employed in painting ship outside. Aneroid barometer 30.04.

W.M. Inn Master

4 to 8 P.M. Weather clear and pleasant. Gentle breeze from N and E. Barometer steady. Four small island steamers left the harbor during the watch. Painting outside of ship. The Commanding Officer and several officers left the ship to attend a concert given in their honor on shore. Started fires at 7.15 under two forward port boilers for distilling. Aneroid 30.06.

W.M. Inn Sixth

8 P.M. to Midnight, Clear and pleasant. Moderate breeze from N by E. Commenced distilling fresh water at 10<sup>o</sup>. Aneroid barometer at the close 30.08.

W.M. Inn

Master

Moon, mid Examined and found to be correct.

Dec 1° 36' 04" S

Phase Full Moon

W. N. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

Steamer "Essex"

3<sup>d</sup> Rate, 6 Guns,

Honolulu, H. I.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Moved N by E N by E			0-1	30.23	78	77	69					bC	Sunning 8	8		
2 "	"	"	" 0-1	30.22	78	76	68					"	Cirrus 7	"		
3 "	"	"	" 0-1	30.21	78	76	68					"	" 7	"		
4 "	"	"	" 0-1	30.21	78	76	68					"	" 5	"		
5 "	"	"	" 2	30.24	78	76	68					"	Cumulus 8	"		
6 "	"	"	" 2	30.24	78	76	68					"	" 8	"		
7 "	"	"	" 3	30.26	78	76	68					"	Cirrus Cumulus 6	"		
8 "	"	"	" 3	30.24	78	77	69					"	" 6	"		
9 "	"	"	" 3	30.24	78	77	69					"	" 7	"		
10 "	"	"	" 1	30.24	78	77	69					"	" 7	"		
11 "	"	"	" 2	30.24	80	79	70					"	" 7	"		
Noon.	"	"	" 2	30.24	80	79	70					"	" 6	"		

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time

knots

fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

360 gallons.

Water distilled during the preceding 24 hours

1770 "

Water remaining on hand fit for use at Noon

1700 "

Coal consumed during the preceding 24 hours

2 tons

620 lbs.

Coal remaining on hand at Noon

127 "

788 "

P. M.																
1 "	N 8 by E	48 by E	2	30.24	81	80	70					bC	Cirrus 8	"		
2 "	"	"	2	30.22	81	80	70					"	" 7	"		
3 "	"	"	3	30.20	81	80	70					"	" 6	"		
4 "	"	"	3	30.18	81	80	70					"	" 7	"		
5 "	"	"	2	30.20	80	79	71					"	" 7	"		
6 "	"	"	2	30.20	80	78	71					"	" 6	"		
7 "	"	"	2	30.20	79	77	71					"	Cumulus 6	"		
8 "	"	"	3	30.21	79	77	71					"	Cumulus 5	"		
9 "	"	"	1	30.20	79	76	69					"	" 8	"		
10 "	"	"	2	30.20	79	76	69					"	" 6	"		
11 "	"	"	2	30.20	79	76	69					"	" 6	"		
Mid.	"	"	2	30.20	79	76	69					"	" 6	"		

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude observed at Sunset

°

"

Variation of the Compass by at

°

"

under the command of

Commander A. H. M. McCormick

, U. S. Navy,

Tuesday. June 26<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. clear and pleasant. Light air from N.E. by E. and calm. Moonlight. Distilling. Aneroid 30.02.

4 to 8 A.M. Weather partly clear, and pleasant, Gentle breeze from N.E. by E. Barometer rising. Aneroid at end of watch 30.08.

8 A.M. to Meridian. Clear and pleasant, Light breeze from N.E. by E. Went to quarters at 9.30, and inspected the crew, Dahl Howell (Sds) Wm White (O.S.) Oscar Walker (Pet M.) Henry Schuhale (Sds.) O. Gallagher (Sds) and John J. McCan (Sds) absent without leave. Louis Deisted (2d Mr.) John M. Mulliv. (2d Ctric) and Wm Tolle (2d Ctric) were brought on board by Police authorities ashore, and a reward of \$1000, each, paid for their apprehension and delivery. At 10<sup>th</sup> General Dominis, and Minister Rapina visited the ship, and at 11<sup>th</sup> the British, Portuguese, and French Commissioners visited the ship: all of whom were received with customary ceremonies

W.H. Inn Master

Meridian to 11 P.M. Clear and pleasant, light breeze from N.E. by E. John Davidson (Sds), a deserter from the U.S.S "Hartford" came on board and attempted to enlist in Engineers Dept. by order of Commanding Officer he was placed under the charge of sentry as a prisoner at large. Aneroid 30.01.

11 to 8 P.M. Pleasant weather. Light breeze from N.E. Went to quarters at 4.45 and mustered the crew. Aneroid barometers 30.06. Stopped distilling at 6<sup>30</sup> and hauled fire.

8 P.M. to Midnight. Clear, and pleasant, light breeze from N.E. Aneroid 30.06.

W.H. Inn Master  
W.H. Inn Master  
W.H. Inn Master  
W.H. Inn Master

W.H. Inn Master

Moon mid Examined and found to be correct.

Dec 30° 07' 35" N

Phase Full Moon

W.H. Parker  
Secty & Navigator.

## LOG of the UNITED STATES

*Steamer Essex*  
Honolulu, I. O.

3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	P. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Moored	N 8 by E	N 8 by E	2				30.20	79	77	70		b0	cirrus	5	S.	
2	"	"	1				30.20	78	77	71		"	"	5	"	
3	"	"	1				30.20	78	77	71		bcp	"	4	"	
4	"	"	1				30.20	78	77	71		"	"	4	"	
5	"	Calm	0				30.21	77	76	71		bcd	cumulus	2	"	
6	"	"	0				30.21	76	75	71		"	"	1	"	
7	"	N 8 by E	2				30.22	76	75	69		b0	"	5	"	
8	"	"	1				30.22	76	75	70		"	"	2	"	
9	"	East	1				30.22	77	76	70		"	cirrus	3	"	
10	"	"	Calm	0			30.22	78	77	70		"	"	3	"	
11	"	"	East	2			30.21	78	77	70		"	"	4	"	
Noon.	"	"	"	3			30.21	78	78	69		"	cirrus	6	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

350 gallons.

Water distilled during the preceding 24 hours

1100 "

Water remaining on hand fit for use at Noon

2750 "

Coal consumed during the preceding 24 hours

tons 1700 lbs.

Coal remaining on hand at Noon

126 " 1828 "

P. M.																	
1	"	N 8 by E	N 8 by E	2			30.20	80	79	70		b0	cirrus	6	"		
2	"	"	"	2			30.20	80	79	70		"	"	6	"		
3	"	"	"	3			30.20	80	79	70		"	"	7	"		
4	"	"	"	3			30.20	80	79	70		"	"	6	"		
5	"	"	"	2			30.19	81	80	72		"	"	5	"		
6	"	"	N E	3			30.19	81	80	72		"	"	7	"		
7	"	"	"	2			30.19	80	79	72		"	cirrus strat	7	"		
8	"	"	"	2			30.20	80	79	72		"	"	7	"		
9	"	"	"	2			30.24	78	76	74		"	cirrus strat	8	"		
10	"	"	"	2			30.25	78	76	74		"	"	8	"		
11	"	"	N 8 by E.	2			30.25	78	76	74		"	"	7	"		
Mid.	"	"	"	3			30.24	78	76	74		"	"	7	"		

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. M. Conwick

, U. S. Navy,

Wednesday. June 27th

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences, and until 11 A.M. Cloudy with light passing rain showers. Moonlight at intervals. Light airs, and breeze from N & E by E. Barometer steady. Aneroid 30.611.

H. D. Dunn, Ensign.

11 to 8 A.M. Cloudy with light rain, greater part of watch. Calm first two hours, light breeze from N & E by E last two hours. Hauled in hawser from port quarter, and triced it up to dry. Aneroid barometer 30.10.

W. M. Irvin, Master

8 AM to Meridian. Clear delightful weather. Light variable airs from E<sup>o</sup> and calm. At 9.30 mustered at quarters, the following named men were found absent without leave, viz. Paul Howell, Lds., Wm White, Cl Fir, Oscar Walker, Pot M.) W. C. Schmale, Lds, Edw. Gallagher, (Lds) John J. McCan, Lds, and H. M. Caffrey, (Cts). Received in Equip't. Despite the following articles, viz., one coil of 12thd manilla, one coil of 9thd manilla, one coil of 18thd hemp, one coil of 15thd hemp, five hanks of codline, thirty six scrubbing brushes, six clawr brushes, one bolt of cotton rawl deck. By order of commanding Officer Robt Woolley (Sea) was released from confinement. Aneroid 30.06.

W. M. Irvin, Master

Meridian to 11 PM. Cloudy and pleasant, light to gentle breeze from N & E by E. Barometer steady. Aneroid 30.02. Crew engaged in fitting new hammock cloths, and getting ready to stand inside. Sent a liberty party on shore.

H. D. Dunn, Ensign

11 to 8 PM. Clear and pleasant weather. Gentle breeze from N & E by E to N. E. Mustered at quarters at 11.45, and found the same ~~same~~ men absent without leave, as at morning quarters. Barometer steady. Aneroid 30.04.

W. M. Irvin, Master

8 PM to midnight. Clear, and pleasant weather. Light breeze from N & E and N & E by E. Barometer steady. Aneroid 30.08.

H. D. Dunn, Ensign

Moon Lyrids Examined and found to be correct.

Dec 7° 43' 59" N

Phase Full Moon

W. S. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

Steamer "Essex", 3<sup>d</sup> Rate, 6 Guns,  
Honolulu, O'ahu

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Moored	N by E	N by E	2				30.20	78	78	69		b <u>c</u>	circum	6	S	
2	"	"			3		30.20	78	75	69		"	circum	6	"	
3	"	"			3		30.18	77	75	69		b <u>c</u> p	"	5	"	
4	"	"			2		30.18	77	75	69		b <u>c</u>	cum	7	"	
5	"	"			1		30.18	77	75	69		"	"	7	"	
6	"	"			1		30.18	77	75	69		"	circum	6	"	
7	"	"			1		30.18	77	75	69		"	"	7	"	
8	"	"			1		30.18	77	75	69		"	"	6	"	
9	"	"			1		30.22	77	77	70		"	circum	6	"	
10	"	"	NNE	2			30.22	78	77	70		"	"	6	"	
11	"	"	"	2			30.22	78	77	70		"	"	6	"	
Noon.	"	"	"	2			30.21	78	78	70		"	circum	7	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

"

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

350 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2100 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

126 " 1028 "

P. M.																	
1	"	N by E	N E.	3			30.20	78	78	70		b <u>c</u>	circum	6	S		
2	"	"	"	11			30.20	78	78	70		"	"	7	"		
3	"	"	N by E.	3			30.19	80	80	70		"	circum	5	"		
4	"	"	"	11			30.18	80	80	70		"	"	8	"		
5	"	"	"	14			30.18	80	80	70		"	"	7	"		
6	"	"	"	3			30.18	80	80	70		"	"	7	"		
7	"	"	"	2			30.18	79	78	70		"	"	7	"		
8	"	"	"	2			30.18	79	78	70		"	"	6	"		
9	"	"	"	1			30.20	79	77	70		"	circum	7	"		
10	"	"	NNE	2			30.20	79	77	70		"	circum	5	"		
11	"	"	"	1			30.20	79	77	70		"	"	5	"		
Mid.	"	"	"	2			30.20	79	77	70		"	"	5	"		

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitudes by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. McCormick

, U. S. Navy,

Thursday, June 28<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Weather clear and pleasant. Light to gentle breeze from N.E. by E. Barometer steady. At 2.35 an alarm of fire was sounded on shore and shortly afterwards the blaze was visible from the ship, sent the 2<sup>o</sup> cutter with her crew and that of the 1<sup>o</sup> whale boat on shore to assist in putting it out. At 4. the fire being under control our boat and crews returned. Aneroid barometer 30.04.

11 to 8 A.M. Cloudy. Pleasant. Light airs from N.E. by E. Aneroid 30.08.

8 A.M. to Meridian. Cloudy and warm. Light airs and breezes from N.E. by E. and N.E. Barometer steady. Aneroid 30.06. At 9.30 mustered at quarters, and the following named men were reported absent without leave, viz: W. Howell, Lds; W. White, 2d Cl Fir; O. Walker (P.M.) Henry Schmale (Lds) Edward Gallagher, Lds and J. J. McNamee (Lds.) By order of Commanding Officer placed Thos. J. Wyman (Fisher) in confinement in double irons for five days for smuggling liquor on board. Henry M. Laffey (Ct.) was brought on board and a reward of ten dollars paid for his delivery. Painting ship inside, and fitting new hammock cloths.

Meridian to 11 P.M. Pleasant weather. Gentle to moderate breeze from N.E. by E. Barometer steady. Painting ship inside. Aneroid barometer 30.02.

11 to 8 P.M. Pleasant weather. Moderate to light breeze from N.E. by E. Barometer steady. Aneroid 30.04.

8 P.M. to ~~Midnight~~ Weather clear and pleasant, light breeze from N.N.E. Barometer steady. Cirro-cumulus, cumulus, and nimbus clouds. Aneroid barometer 30.05.

11 A.M. Arthur, Lieut-

Moon low mid Examined and found to be correct.

Dec 11° 55' 50" N

Phase Last quarter

W. T. Parker  
Lieut. Navigator.

LOG of the UNITED STATES

Steamer "Erebus"  
Honolulu O. I.

3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. at'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Moored	N by E.	NNE	2				30.19	76	76	70		bc	occum	8	5	
2	"	"	2				30.18	76	76	70		"	"	6	"	
3	"	"	2				30.18	76	76	70		"	"	6	"	
4	"	"	1				30.18	76	76	70		"	"	7	"	
5	"	"	1				30.14	76	76	70		"	"	6	+	
6	"	"	1				30.14	76	76	70		"	"	11	"	
7	"	"	1				30.16	76	75	71		bcp	"	6	"	
8	"	"	1				30.16	76	75	71		"	"	6	"	
9	"	"	1				30.16	76	75	71		bc	circum	5	"	
10	"	"	2				30.16	77	76	72		"	"	5	"	
11	"	"	2				30.17	79	78	74		"	"	6	"	
Noon.	"	"	2				30.17	80	79	75		"	"	6	+	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

350 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2050 "

"

Coal consumed during the preceding 24 hours

tons 300 lbs.

"

Coal remaining on hand at Noon

126 " 728 "

"

P. M.																	
1	"	N E by E	N E by E	1			30.15	80	79	72		bc	circum	6	+		
2	"	"	"	1			30.15	80	79	72		"	"	7	"		
3	"	"	"	2			30.15	80	79	72		bcp	"	7	"		
4	"	"	C N E	3			30.15	80	79	72		"	"	8	"		
5	"	"	C E by E	2			30.14	80	79	78		bc	circum	6	"		
6	"	"	"	2			30.13	80	79	78		"	"	6	"		
7	"	"	"	2			30.15	79	78	77		"	"	5	"		
8	"	"	"	1			30.16	79	78	77		"	"	8	"		
9	"	"	"	2			30.16	79	78	77		"	"	8	"		
10	"	"	"	1			30.16	79	78	77		"	"	8	"		
11	"	"	Calm	0			30.16	79	78	77		"	"	8	"		
Mid.	"	"	"	0			30.16	79	78	77		"	"	8	"		

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. M<sup>o</sup> Connick

, U. S. Navy,

Friday. June 29<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Weather clear and pleasant, Gentle breeze from N. N. E. Barometer steady. Aneroid at end of watch 30.04.

11 to 8 A.M. Cloudy and pleasant with light passing showers of rain. Light breeze from N. E by E. Barometer rising slowly. Aneroid 30.06

8 A.M. to Meridian. Weather clear and pleasant, Light breeze from N. E by E. Barometer rising. Cirro cumulus clouds. Painting ship inside. At 9.30 mustered and inspected at quarters. Paul Howell, (Lds.) Wm. White, 'S.C.ire' and Oscar Walker ('P.M.') are declared deserters from this day. The following named men are absent from the ship without leave. - H. C. Schulte, (Lds) Edw<sup>t</sup> Gallagher, (Lds) and J. J. W. Cam (Lds) Aneroid barometer 30.04.

Meridian to 11 P.M. Weather clear and warm. Gentle breeze from N. E by E. Barometer steady. Aneroid 29.98.

11 to 8 P.M. Weather clear and pleasant, Light breeze from N. E by E. Barometer steady. Clouds cirro cumulus and nimbus. At 11.45 mustered crew at quarters finding the same absences as in the forenoon. Received on board in Construction Department 3 cases of saw oil. 2 cases boiled oil, and one piece of black walnut. Received in Navigation Department two lanterns and two lantern globes. Aneroid barometer 30.00.

8 P.M. to Midnight - Weather clear and pleasant, Gentle breeze from N. E by E. Barometer steady. Aneroid 30.00.

Hail weather sent

Gloves sent

Moon 1<sup>st</sup> mud Examined and found to be correct.

Dec 15° 28' 29" S  
Phase Last Quarter

W. H. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

*Steamer Essex*, 3<sup>d</sup> Rate, 6 Guns,  
Honolulu. B.C.I.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	10	10	N by E	Calm	0		30.18	77	76	70		bc	circum	8	6	
2	"	"	"	"	0		30.16	77	76	70		"	"	8	"	
3	"	"	"	"	0		30.14	77	76	70		"	"	8	"	
4	"	"	"	"	0		30.14	77	76	69		"	"	8	"	
5	"	"	"	N by E	1		30.14	76	75	69		"	cirrus	9	7	
6	"	"	"	"	1		30.14	76	75	69		"	"	8	"	
7	"	"	"	"	1		30.14	76	76	70		bcf	"	8	"	
8	"	"	"	East	2		30.16	76	76	70		"	"	5	"	
9	"	"	"	N by E	1-2		30.14	77	78	71		bc	"	7	"	
10	"	"	"	"	1-2		30.12	77	78	71		"	"	6	"	
11	"	"	"	"	1-2		30.12	78	78	71		"	"	6	"	
Noon.	"	"	"	"	1		30.12	78	78	71		"	"	8	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ◎

°

"

Longitude by Chronometer from Forenoon Observations ◎

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ◎ observed at Sunrise

°

"

Variation of the Compass by Azimuth ◎ observed at

°

"

Water expended during the preceding 24 hours

350

gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1700

"

Coal consumed during the preceding 24 hours

tons 300

lbs.

Coal remaining on hand at Noon

126 "

"

P. M.																	
1	"	N by E	N by E	2		30.12	80	80	71		bc	circum	8	"			
2	"	"	"	3		30.10	80	80	71		"	"	8	"			
3	"	"	"	11		30.08	80	80	71		"	"	6	"			
4	"	"	"	11		30.08	80	80	71		"	"	5	"			
5	"	"	A. N.E	11		30.08	80	79	71		"	"	8	"			
6	"	"	"	2		30.09	79	78	71		"	"	8	"			
7	"	"	"	2		30.10	79	77	70		"	cumulus	7	"			
8	"	"	"	2		30.11	79	77	71		"	"	7	"			
9	"	"	N by E	2		30.11	79	77	71		"	cirrus	5	"			
10	"	"	"	2		30.11	79	77	71		"	"	6	"			
11	"	"	"	2		30.12	79	77	71		"	"	8	"			
Mid.	"	"	"	2		30.12	79	77	71		"	"	8	"			

Longitude by Chronometer from Afternoon Observations ◎

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. W. Connick

, U. S. Navy,

Saturday, June 30th

, 1883.

2688 Cess. 38 Pato<sup>o</sup>

Honolulu, H. I. June 30th 1883.

Comm  
Oalm

11 to 8 A  
M. a  
Baron  
Auro

8 A.M.  
from  
Paint  
Robert  
on board  
brass  
alcoh

The  
Schem

Mivid  
Sent a  
on the

11 to 8.  
E. Bar  
from  
board

8 PM.  
by E.

Commanding.

Sir:

We recommend that the following Ordinary Seamen, 3<sup>d</sup> class be rated Ordinary Seamen, viz.

Michael H. Cox; Timothy J. Clark; John P. Coban; Geo. W. Jones; Charles Lloyd; Chas. A. Lindner; Robert C. Martt; ~~William Mullin~~; Stephen P. Smallfield, and William Simpson.

Very respectfully,

Wainwright Keoghs Lieut. U.S.N.

Karl Kohler Lieut. U.S.N.

C. P. Ross Lieut. U.S.N.

*Examining Board.*

Appd. from July 1-1883-

A. H. W. Connick

Commodore Connick

midnight

Master  
in o. cum  
-of watch.  
drew.

2 Lieut  
breeze  
1 q. 30.  
placed  
in noisy  
+ 4 doz  
galls. of  
29. 98.

Heavy  
1 (Sals)  
2 Lieut  
A E by E  
void bar.

Master  
A E by  
ty per  
run on

2 Lieut  
on N.E

Master

Moonlight

Dec 18° 06' 54"

Phase Last quarter

Examined and found to be correct.

W. G. Parker  
Lieut-<sup>g</sup> Navigator.



under the c

S. Navy,

3.

Commences and until 11 A.M. Clear and pleasant, bright moonlight  
calm, barometer falling. Aneroid barometer 30.00.

W.M. Smith Master  
11 to 8 A.M. Weather pleasant, slight breeze from N.E. by E. Cirro-cumulus, and nimbus clouds. Light passing showers last hour of watch.  
Barometer steady. Received on board fresh provisions for crew.  
Aneroid barometer 30.01.

8 A.M. to Meridian. Weather clear and pleasant, gentle breeze  
from N.E. by E. Barometer steady. Mustered at quarters at 8.30.  
Painting ship inside. By order of Commanding Officer placed  
Robert Stovall (Seal) in double irons for being drunk and noisy  
on board ship. Received in Construction Department 4 dozen  
brass screws, 6 boat hooks, 11 lbs brass hinges, 12 oars, 10 gallons of  
alcohol, 20 lbs of gum shellac and 15 lbs of tallow. Aneroid 29.98.  
The following named men were absent without leave, Henry  
Schmale, Lds Edward Gallaghs. (Lds) and J. J. M<sup>o</sup> Carty. (Lds)

Meridian to 11 P.M. Pleasant weather. Moderate breeze from N.E. by E  
Sent a large liberty party ashore. Painting ship inside. Aneroid bar-  
ometer 29.91.

W.H. Smith Master  
11 to 8 P.M. Weather clear and pleasant, gentle breeze from N.E. by E.  
Barometer steady. Mustered at quarters at 11.45. A variety per-  
formance beginning at 7.30 was given gratuitously to the crew on  
board by Mr MacCabe. Aneroid 29.99.

8 P.M. to Midnight. Clear and pleasant, light breeze from N.E.  
by E. Barometer steady. Aneroid barometer 29.98

W.H. Smith Master

Moonmid Examined and found to be correct.  
Dec 18° 06' 57"  
Phase Last quarter

W.H. Parker  
Lieut -X Navigator.

## LOG of the UNITED STATES

*Steamer Essex*  
Honolulu, H. I.

38 Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Moved	N by E	NN E	/			30.10	77	76	70		b	cirrus	8	s	
2	"	"	"	/			30.09	77	76	70		"	"	8	"	
3	"	"	"	2			30.08	77	76	70		"	"	8	"	
4	"	"	"	/			30.08	77	76	70		"	"	8	"	
5	"	"	"	0-1			30.08	77	76	70		"	"	8	"	
6	"	"	"	0-1			30.08	77	76	70		"	"	7	"	
7	"	"	"	0-1			30.08	77	76	70		"	"	7	"	
8	"	"	"	0-1			30.08	77	76	70		"	"	7	"	
9	"	"	"	1			30.10	77	77	71		"	"	8	"	
10	"	"	"	3			30.10	78	78	71		"	"	8	"	
11	"	"	"	3			30.10	79	78	71		"	"	8	"	
Noon.	"	"	"	4			30.10	79	79	71		"	"	8	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☎

°

"

Longitude by Chronometer from Forenoon Observations ☎

°

"

Current during the time      knots      fms. per hour, setting to the

"

Variation of the Compass by Amplitude ☎ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☎ observed at

°

"

Water expended during the preceding 24 hours

350 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1350 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

126 " 128 "

P. M.																	
1	,	N E by E	NE by N	3			30.10	79	79	71		b	cirrus	8	s		
2	"	"	"	3			30.10	80	79	71		"	"	8	"		
3	"	"	"	3			30.08	80	80	72		"	"	7	"		
4	"	"	"	2			30.08	81	81	72		"	"	7	"		
5	"	"	"	3			30.09	80	80	70		"	"	6	"		
6	"	"	"	2			30.08	79	78	70		"	"	6	"		
7	"	"	Calm	0			30.08	79	78	70		"	"	6	"		
8	"	"	"	0			30.08	77	78	70		"	"	6	"		
9	"	"	"	0			30.10	79	78	71		"	"	8	"		
10	"	"	"	0			30.10	79	78	71		"	"	8	"		
11	"	"	"	0			30.10	78	77	71		"	"	8	"		
Mid.	"	"	"	0			30.10	78	77	71		"	"	8	"		

Longitude by Chronometer from Afternoon Observations ☎

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. M<sup>o</sup> Connick, U. S. Navy,  
Sunday July 1<sup>st</sup>, 1883

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Clear and pleasant. Light breeze from N.N.E. Aneroid 29.92. Wainwright - Keedey or Lieutenant  
11 to 8 A.M. Weather clear and pleasant. Light breeze from N.N.E. Barometer steady. Aneroid at end of watch 29.98.

8 A.M. to Meridian. Pleasant weather. Moderate breeze from N.N.E. At 9.30 called all hands to muster and read Articles for the government of the Navy. Went to quarters for inspection: the following named men absent without leave: H. Schmale (Lds) Edward Gallagher (Lds) and J. J. M<sup>o</sup> Caw. (Lds) Jas. Williams (Lds) and Wm H. Crawford (C. L. Frio). By order of Commanding Officer released Robert Woolley (Seal) from confinement in double irons and placed him under sentry's charge: also placed M. Reilly (Lds) in double irons for three days for attempting to smuggle liquor on board ship. Aneroid barometer 29.94.

W. M. Dunn Master  
Meridian to 4 P.M. Clear and pleasant, Moderate breeze from N.N.E. Boarded the American brigantine Consuelo from San Francisco. Aneroid 29.90.

4 to 8 P.M. Clear and pleasant, Moderate breeze from N.N.E. first two hours, calm last two hours. Aneroid barometer 29.94.

8 P.M. to Midnight. Clear delightful weather. Calm. Barometer steady. Aneroid 29.94. Wainwright - Keedey or Lieutenant

Moon mid Examined and found to be correct.

Dec 19° 30' 26" N  
Phase Last Quarter

W. S. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

*Steamer "Eessa"*  
Monmouth, N. J.

3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Mored			N by E	Calm	0		30.10	78	77	76		60	circum	8	5	
2	"				0		30.09	78	77	71		"	"	8	"	
3	"			N by E	1		30.09	76	76	71		"	"	8	"	
4	"				1		30.08	76	76	71		"	"	7	"	
5	"			Calm	0		30.08	76	76	70		"	cum strat	6	"	
6	"				0		30.10	74	74	70		"	circum	6	"	
7	"				0		30.10	75	76	71		"	"	8	"	
8	"				0		30.11	76	77	72		"	"	8	"	
9	"			South	1		30.13	76	78	74		"	"	7	"	
10	"				2		30.14	76	78	74		"	"	8	"	
11	"			E S E	2		30.14	77	78	73		"	cir cum nimbus	5	"	
Noon.	"	"			2		30.18	77	78	71		"	"	4	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

Longitude by D. R. at Noon

°

Latitude by Observations at Noon ☽

°

Longitude by Chronometer from Forenoon Observations ☽

°

Current during the time      knots      fms. per hour, setting to the

°

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

Variation of the Compass by Azimuth ☽ observed at

°

Water expended during the preceding 24 hours

350 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1000 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

125 " 2068 "

P. M.																	
1	"			N E by E	2		30.13	77	78	71		60	circum	6	"		
2	"				2		30.10	77	78	71		"	"	6	"		
3	"			S E	3		30.09	77	78	71		"	"	4	"		
4	"				3		30.09	77	78	71		"	"	4	"		
5	"				3		30.10	77	78	73		"	"	6	"		
6	"				2		30.10	77	78	73		"	circum nimbus	5	"		
7	"				1		30.10	77	79	74		"	"	5	"		
8	"			N E by E	1		30.10	78	78	73		"	cumulus	5	"		
9	"			Calm	0		30.12	78	78	73		"	"	8	"		
10	"			N E by E	1		30.14	78	77	72		"	"	8	"		
11	"				2		30.15	78	77	72		"	"	7	"		
Mid.	"				1		30.15	78	77	72		"	"	7	"		

Longitude by Chronometer from Afternoon Observations ☽

°

Longitude by Chronometer from Observations \*

°

Variation of the Compass by Amplitude      observed at Sunset

°

Variation of the Compass by      at

°

under the command of

Commander A. H. M<sup>o</sup> Connick

, U. S. Navy,

Monday July 28

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Clear pleasant weather. Calm and light airs from N<sup>E</sup> by E. Barometer falling slowly. Aneroid 29.94 At 3.20 the mail steamer "City of Sidney" came in from Australia.

H.Dunn. Ensign

11 to 8 A.M. Clear and pleasant. Calm. Barometer steady. Sent an Officer to board the "City of Sidney." Aneroid 30.00.

W.M. Smith Master

8 A.M. to Meridian. Cloudy. Pleasant. Light breeze from S.E. hauling to N<sup>E</sup> at end of watch. At 9.30 mustered at quarters. Exercise 1st, 2d, and 3d, divisions at single sticks. Powder, Masters and Marines at small arms. The following men were found absent without leave, viz: Henry Schmale (Lds) Edw<sup>r</sup> Gallagher (Lds) John J. McNamee (Lds) Hans Karpischek (Lds) and Rob<sup>t</sup> J. Purrocks (Lds). Received on board in Pay Dept. the following stores, viz; 8 bbls of pork, 3 bags of rice, 6 bxs of dried apples, 10 kgs. of sugar, 7 cans of butter, 12 bbls. of beans, 10 cans of roast beef, 3 bbls of beef, 12 boxes of soap, and 5000 lbs of bread, also in Equipment Department -  $\frac{1}{2}$  cord of wood. Aneroid 29.96.

W.M. Smith Lieut

Meridian to 11 P.M. Cloudy but pleasant. Gentle to light breezes from S.E. and N<sup>E</sup> by E. Barometer falling. Aneroid 29.98. Sent a liberty party on shore. At 2.00 Detective J. Julian and his prisoner E. S. Kerr left the ship in the 1<sup>st</sup> whale boat and were put on board the American mail steamer "City of Sidney" after she had discharged her pilot, outside the reef.

H.Dunn Ensign

11 to 8 P.M. Clear and pleasant. Light airs from S.E. last hour from N<sup>E</sup> by E. At 1.45 mustered at quarters. At 6.15 sent down top gallant masts, and yards. Aneroid 29.96.

W.M. Smith Lieut

8 P.M. to Midnight. Clear and pleasant. Light airs and breezes from N<sup>E</sup> by E. Barometer rising slowly. Aneroid 29.98.

H.Dunn Ensign

Moon mid Examined and found to be correct.

Dec 19 43' 09" N

Phase Last quarter

W. J. V. Martin  
Lieut & Navigator.

## LOG of the UNITED STATES

*Steamer "Essex"*  
Honolulu, H. I.

3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Moved	N E by E.	N E by E		1		30.10	77 76 70				b	circum	6	S	
2	"	"			1		30.09	77 76 70				"	"	9	"	
3	"	"	Calm	0	0		30.09	77 76 70				bef	circum beta	7	"	
4	"	"			0		30.09	77 75 70				"	"	7	"	
5	"	"			0		30.11	76 75 72				b	cum str	5	"	
6	"	"			0		30.11	75 75 72				-	circum	5	"	
7	"	"			0		30.13	76 76 73				"	"	5	"	
8	"	"			0		30.15	76 78 74				"	"	6	"	
9	"	"	S S E	1			30.15	78 78 74				"	"	5	"	
10	"	"			2		30.16	77 78 72				"	"	4	"	
11	"	"			2		30.15	78 77 72				"	"	5	"	
Noon.	"	"	Cael	3			30.13	79 79 73				"	"	6	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

"

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

300 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

700 "

Coal consumed during the preceding 24 hours

tons 700 lbs.

Coal remaining on hand at Noon

125 " 1368 "

P. M.																
1	"	N E by E	N E	3			30.10	80 80 72				b	circum	6	"	
2	"	"	"	11			30.09	80 80 72				"	"	5	"	
3	"	"	"	11			30.09	80 80 72				"	"	5	"	
4	"	"	"	11			30.09	80 80 72				"	"	4	"	
5	"	"	N. N. E.	3			30.10	80 79 72				"	"	6	"	
6	"	"	"	1			30.10	80 78 71				"	cum str	6	"	
7	"	"	"	1			30.10	80 78 71				"	"	6	"	
8	"	"	"	1			30.12	79 78 71				"	circum	7	"	
9	"	"	"	2			30.10	79 78 72				"	"	8	"	
10	"	"	"	2			30.12	79 78 72				"	"	8	"	
11	"	"	"	1			30.15	79 78 71				"	"	7	"	
Mid.	"	"	"	1			30.14	79 78 71				"	"	8	"	

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of Commander A. H. M<sup>o</sup> Connick, U. S. Navy,  
Tuesday, July 30, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences, and until 11 A.M. Weather clear and pleasant, Barometer steady. Light airs from N E by E in early part of watch, and calm in latter part, Aneroid barometer 29.96.

11 to 8 A.M. Clear and warm. Light variable airs, and calm, a Japanese man-of-war came in and anchored, boarded her, At 7.30 sent up foregallant masts, and yards. Received in Pay Dept 9 lbs of fresh beef and vegetables and 73 loaves of bread. Aneroid 29.02

8 A.M. to Meridian. Cloudy but pleasant. Light airs, and breezes from S S E. Barometer steady. Aneroid 29.99. At 9.30 mustered crew, at quarters and drilled as per routine. Absent without leave the following named men, viz: Henry Schmidl, (Lds) Edw<sup>d</sup> Gallagher, (Lds) John J. McCan, (Lds) Hans Kaspersen, (Lds) Robt J. Burrows, (Lds) May J. A. Bernhardt, (Carp) and W<sup>m</sup> Morris, (Carp) <sup>and John Kennedy, Boilermaster</sup> towards of the dollars <sup>Mr. H. Crawford, Dct<sup>r</sup> Harvey Lake Pot M<sup>an</sup></sup> each were sent ashore for no apprehension and delivery on board of John Kennedy (Mktr) M. J. A. Bernhardt, (Carp) and Harvey Lake, (Marine) By order of Commanding Officer released Thos. J. Wynn, (Fisher) from confinement, his term of punishment having expired. Sent a party with 45 flags on shore to decorate for the 4<sup>th</sup>

Meridian to 1 P.M. Weather clear and pleasant. Gentle to moderate breeze from N E, Barometer steady, Cirro-cumulus clouds. The American barque "Stellman & Allen" went to sea dipping her colors to us as she passed which courtesy we returned in kind. Aneroid barometer 29.92

11 to 8 P.M. Clear and pleasant. Gentle breeze to light airs from N S E Barometer steady. Aneroid 29.98. At 1.45 mustered at quarters and the same men were absent as reported this A.M. At 7.45 John Kennedy (Mktr) and W<sup>m</sup> H. Crawford, (Dct<sup>r</sup>) came on board 12 and 60 hours respectively over due.

8 P.M. to Midnight. Weather clear and pleasant. Light breeze from N. N E. Barometer rising. Aneroid 29.98.

W. H. Parker, Lieut

Moon mid Examined and found to be correct.  
Dec 18° 43' 19" N  
Phase Last quarter

W. H. Parker  
Lieut Navigator.

LOG of the UNITED STATES

Steamer "Essex"  
Honolulu, H. I.

38 Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Noon	18 by 6	18 by 6	1				30.10	77	77	71		Sc	Cirrus	6	8	
2	"	"	1				30.10	77	77	71		"	"	6	0	
3	"	"	1				30.09	77	77	71		"	"	7	"	
4	"	"	1				30.09	77	77	71		"	"	8	"	
5	"	"	Calm	0			30.10	76	76	71		"	"	6	"	
6	"	"	0				30.11	76	76	72		"	"	6	"	
7	"	"	0				30.12	77	77	72		"	"	6	"	
8	"	"	18 by 8	1			30.12	77	77	72		"	"	8	"	
9	"	"	3				30.12	80	80	72		"	"	7	"	
10	"	"	3				30.12	80	80	72		"	"	6	"	
11	"	"	3				30.12	80	80	72		"	"	7	"	
Noon.	"	"	"	3			30.12	80	80	72		"	"	7	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ◎

°

"

Longitude by Chronometer from Forenoon Observations ◎

°

"

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ◎ observed at Sunrise

°

"

Variation of the Compass by Azimuth ◎ observed at

°

"

Water expended during the preceding 24 hours      350      gallons.

Water      during the preceding 24 hours      "

Water remaining on hand fit for use at Noon      350      "

Coal consumed during the preceding 24 hours      tons      300      lbs.

Coal remaining on hand at Noon      125 "      1068 "

P. M.																
1	"	"	18	4			30.08	80	80	76		Sc	Cirrus	5	"	
2	"	"	"	4			30.08	80	80	76		"	"	6	"	
3	"	"	"	4			30.06	80	80	76		"	"	6	"	
4	"	"	"	5			30.06	80	80	76		"	"	6	"	
5	"	"	18 by 1	4			30.08	80	80	78		"	Cirrus Strat.	7	"	
6	"	"	"	4			30.08	80	79	72		"	"	7	"	
7	"	"	"	3			30.10	79	77	71		"	Cirrus Strat.	6	"	
8	"	"	"	1			30.10	79	77	70		"	Cumulus	5	"	
9	"	"	"	1			30.10	79	77	70		"	"	6	"	
10	"	"	"	1			30.10	79	77	70		"	"	7	"	
11	"	"	"	1			30.12	79	77	70		"	"	7	"	
Mid.	"	"	Calm	0			30.12	79	77	70		"	"	8	"	

Longitude by Chronometer from Afternoon Observations ◎

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. M<sup>c</sup> Cormick

, U. S. Navy,

Wednesday, July 4<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather clear and pleasant, Gentle breeze from N.E. by E. Barometer steady. Aneroid 29.91.

4 to 8 A.M. Cloudy and warm. Calm all the watch. Barometer rising slowly. Aneroid 29.98. At sunrise dressed ship; *a la rambois*; with National Enclosure, at small heads; in honor of the day the Japanese gunboat following suit.

8 A.M. to Meridian. Weather clear and pleasant. Gentle breeze from N.E. by E. Barometer steady. Cirro-cumulus clouds. At 9.15 mustered and inspected crew at quarters. The following named men were absent from the ship without leave. Edward Gallagher, (Lds) John J. McCanv. (Lds) Hans Karskens, (Lds) A. J. Burrows, (Lds) W. J. C. Bernhardt, (Carp.) and Wm Morris, (Odg). By order of Commanding Officer released W. Quilly (Lds) from confinement. Sent a party on shore under charge of an officer to assist the resident Americans in their celebration of Independence Day. The German barque "Commodore" went to sea. Aneroid barometer 29.96.

Meridian to 1 P.M. Weather clear and pleasant, Fresh breeze from N.E. Barometer steady. Aneroid 29.90.

4 to 8. Weather clear and pleasant. Gentle to moderate breeze from N.E. by E. Barometer steady. Aneroid barometer 29.96.

8 P.M. to Midnight Weather clear and pleasant. Calm. Barometric steady. Fired a number of *Queso* and *Voye* signals in honor of the day. The Japanese Man of War made a display of fireworks. Aneroid 29.99. In making *Voye* signals made ship's number and various numbers for exercise.

W. G. Parker  
Lieut & Navigator.

Moon mid Examined and found to be correct.  
Dec 16° 33' 44" N  
Phase New Moon

## LOG of the UNITED STATES

Steamer "Essex"  
Honolulu, H. I.

3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Barometer.	TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.					
A. M.														
Moored	N 8 by E	N 8 by E	1			30.10	78	76	69		bC	Circum	5	5
2	"	"	2			30.10	78	76	69		"	"	8	"
3	"	"	2			30.09	78	76	69		"	"	7	"
4	"	"	2			30.09	78	76	69		"	"	7	"
5	"	"	NNE	0-1		30.10	77	76	71		"	Gen. str. Cumulus	6	"
6	"	"	Calm	0		30.10	77	76	71		"	Circum	7	"
7	"	"	"	0		30.11	77	77	71		"	"	7	"
8	"	"	"	0		30.11	78	79	72		"	"	7	"
9	"	"	N 8 by E	1		30.11	78	79	72		"	"	7	"
10	"	"	"	2		30.11	80	80	72		"	"	7	"
11	"	"	"	3		30.11	80	80	72		"	"	7	"
Noon.	"	"	"	1		30.12	81	80	72		"	"	6	"

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

"

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

300

gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

50

"

Coal consumed during the preceding 24 hours

tons 300

lbs.

Coal remaining on hand at Noon

125 "

768

"

P. M.														
1	"	"	N 8 by E	1		30.10	81	80	71		bC	Circum	3	"
2	"	"	"	2		30.10	81	80	71		"	"	4	"
3	"	"	"	3		30.10	81	81	71		"	"	6	"
4	"	"	"	3		30.08	81	81	71		"	"	6	"
5	"	"	NE	3		30.10	80	81	72		"	"	6	"
6	"	"	"	3		30.10	80	79	71		"	Circum	6	"
7	"	"	"	2		30.10	80	78	70		"	"	6	"
8	"	"	"	1		30.10	80	78	70		"	Gen. str. Cumulus	7	"
9	"	"	S E.	1		30.12	80	78	70		"	"	8	"
10	"	"	Calm	0		30.11	80	78	70		"	"	7	"
11	"	"	"	0		30.16	80	78	70		"	"	6	"
Mid.	"	"	"	0		30.16	80	78	70		"	"	6	"

Longitude by Chronometer from Afternoon Observations ☽

"

"

Longitude by Chronometer from Observations \*

"

"

Variation of the Compass by Amplitude      observed at Sunset

"

"

Variation of the Compass by      at

"

"

under the command of

Commander A. H. M<sup>o</sup> Connick U. S. Navy,  
Thursday July 5<sup>th</sup>, 1853.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and to 4 A.M. Clear, pleasant. Light airs from N<sup>E</sup> and E<sup>S</sup>.

4 to 8 A.M. Weather clear and pleasant. Light airs from NNE in early part of watch. Calm in latter part. Barometer steady. Received on board fresh beef, vegetables and soft bread for use of crew. Aneroid barometer 29.97. The American schooner "Clara Spruille" came in and anchored.

W. J. Parker Lieut-

8 A.M. to Meridian. Clear and pleasant. Light airs from NNE by E. At 9.30 mustered at quarters; exercised 1<sup>st</sup> div. at single sticks, 2<sup>d</sup> at small arms. Confined James H. Gunley (Seal) in double irons for safe keeping. Commanding Officer paid an official visit to Japanese minister of war. Sent an Officer to return thanks for salute and part taken in the celebration of the 4<sup>th</sup> July. The following men are absent from the ship without leave, viz G. Bernale (As C. Gallagher) (Lds) John J. Mc Cain (Lds) Evans Kaepurin (Lds) M. J. Bernhardt (Carp) Robt J. Burrows (Lds) W<sup>m</sup> Morris (Lds) W. L. Hartman (O) W<sup>m</sup> Mullin (O.2d) Walter Disney (Lds) and John Dempsey (Pot Marine.) By order of Comdg Officer, Henry F. Fowle (Pty) was given two hours extra duty for neglect of duty.

Karl Arndt Lieut

Meridian to 1. P.M. Pleasant weather. Light breeze from N<sup>E</sup> by E. Barometer steady. Made up and stowed away main topail and got up foreail for repairs. Aneroid barometer 30.00.

W. W. Dinn wnt Master

4 to 8 P.M. Clear and warm. Light breeze from N.E. At 4.45 mustered at quarters. Same men absent without leave as were reported at morning quarters. Aneroid 30.00.

W. W. Dinn wnt Master

8 P.M. to Midnight. Clear and pleasant. Calm. Barometer steady. Aneroid barometer 30.01.

W. W. Dinn wnt Master

Moon 1 mids Examined and found to be correct.

Dec 13° 42' 05" N

Phase New Moon

W. J. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

Steamer "Osseo"

3d Rate, 6 Guns,

Honolulu, H. I.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Wind	N by E.	Calm	0	0	30.14	78	76	70				Sc	Cicum	8	S
2	"	"	N by E	1	1	30.13	78	76	70				"	"	8	"
3	"	"	"	1	1	30.10	77	76	70				"	"	7	"
4	"	"	"	1	1	30.10	77	76	70				"	Cum	8	"
5	"	"	"	1	1	30.10	76	75	69				"	"	7	"
6	"	"	Calm	0	0	30.11	77	76	70				"	Altocum Scum	6	"
7	"	"	"	0	0	30.12	77	76	70				"	Cicum	7	"
8	"	"	"	0	0	30.12	77	77	71				"	"	7	"
9	"	"	"	0	0	30.12	77	77	71				"	"	6	"
10	"	"	N by E	1	1	30.12	80	78	72				"	"	6	"
11	"	"	"	1	1	30.12	80	78	72				"	"	6	"
Noon.	"	"	"	1	1	30.12	80	78	72				"	"	7	"

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ◎

°

"

Longitude by Chronometer from Forenoon Observations ◎

°

"

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ◎ observed at Sunrise

°

"

Variation of the Compass by Azimuth ◎ observed at

°

"

Water expended during the preceding 24 hours

350

gallons.

Water distilled during the preceding 24 hours

700

"

Water remaining on hand fit for use at Noon

400

"

Coal consumed during the preceding 24 hours

1 tons 1560 lbs.

Coal remaining on hand at Noon

123 "

1148 "

P. M.																
1	"	N by E	N by E	3	3	30.12	81	81	76				Sc	Cicum	7	"
2	"	"	"	2	2	30.12	82	81	76				"	"	7	"
3	"	"	"	2	2	30.11	82	81	76				"	"	6	"
4	"	"	"	1	1	30.10	82	81	76				"	"	6	"
5	"	"	"	2	2	30.10	82	81	73				"	"	7	"
6	"	"	N E	2	2	30.10	81	80	71				"	"	7	"
7	"	"	"	1	1	30.12	80	79	70				"	Cumulat Cirrus	5	"
8	"	"	"	1	1	30.12	80	79	70				"	Cumulus	6	"
9	"	"	Calm	0	0	30.13	80	79	70				"	"	7	"
10	"	"	N E	1	1	30.12	80	77	70				"	"	7	"
11	"	"	"	1	1	30.12	80	77	70				Sc	"	5	"
Mid.	"	"	"	1	1	30.14	80	77	70				"	"	5	"

Longitude by Chronometer from Afternoon Observations ◎

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude observed at Sunset

°

"

Variation of the Compass by at

°

"

under the command of

Commander A. H. M<sup>o</sup> Connick

, U. S. Navy,

Friday. July 6<sup>th</sup>

1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Clear and pleasant weather. Calm and light airs from N by E. Barometer falling. Aneroid 30.00. Started fires in number 2 and 4 boilers at 1.00.

4 to 8 A.M. Clear and pleasant. Light airs from N E by E and calm. Distilling. Scrubbed hammocks. Aneroid 30.01.

8 A.M to Meridian. Pleasant weather. Calm first hour. light breeze from N E remainder of watch. By order of Commanding Officer released James H. Gilly. (Seaw) from confinement and restored him to duty. Went to quarters at 9.30 and inspected the crew after which exercised 1<sup>st</sup> and 3<sup>rd</sup> divisions at small arms. 2<sup>nd</sup> and Powder divisions at single sticks. Sent 70 coal bags ashore to be filled. The following named men were absent from the ship without permission, viz W. Schumale (Lds) Edward Gallagher (Lds) John J. M<sup>o</sup> Cam (Lds) Hans Kaspersen (Lds) Robert J. Burrows (Lds) M. J. A. Bernhardt (Carp) W<sup>m</sup> Morris (Cds) M. L. Hartman (O<sup>d</sup> App.) W<sup>m</sup> Mullin (O<sup>d</sup> App) Walter Disney (Lds) J. Hemphrey (Pet Marine) and David Montgomery (1<sup>st</sup> Fire.) Aneroid bar. 29.98 Distilling

W.W. Brown Master

Meridian to 4 P.M. Clear and warm. Went to light breezes from N E by E. Barometer steady. Aneroid 29.94. Distilling. At 2.00. John Hemphrey, P.M. was brought on board by a policeman. 30 hours overtime. Made preparations to bend sail.

A.D. Dunn. Ensign.

4 to 8 PM. Clear and pleasant. Light breeze from N NE. At 4.45 went to quarters and turned in clean hammocks. At 5<sup>th</sup> called all hands. bent topsails and foresail, sent down topgallant yards and bent light sails. Rove off all studding sail gear. Aneroid barometer 30.00. Distilling.

W.W. Brown Master

8 PM to Midnight, Cloudy and mild. Light airs from N E. Barometer steady. Aneroid 30.00. Distilling

A.D. Dunn. Ensign.

Moon l. mid Examined and found to be correct.

Dec 10° 09' 47" N  
Phase New Moon

W.H. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

Steamer "Excelsior"

3d Rate, 6 Guns,

Honolulu, H. I.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	State of the Sea.	Prog. of Clear Sky, in 10ths.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Mooned	18 by E.	18 by E.	/	1	30.15	79	78	73			bc	Circum Gomulus	7	S	
2	"	"	"	/	1	30.15	79	78	73			"	"	5	"	
3	"	"	"	/	1	30.15	79	78	73			bc	"	6	"	
4	"	"	"	/	1	30.13	79	78	73			"	"	5	"	
5	"	"	"	/	1	30.13	78	78	70			"	"	4	"	
6	"	"	Calm	0	1	30.14	78	77	71			"	"	4	"	
7	"	"	"	0	1	30.17	78	78	73			"	"	4	"	
8	"	"	"	0	1	30.18	78	78	73			"	"	5	"	
9	"	"	18 by E	2	1	30.16	78	78	73			"	Circum	4	"	
10	"	"	"	3	1	30.16	79	79	74			"	"	4	"	
11	"	"	"	1	1	30.16	80	80	74			"	"	3	"	
Noon.	"	"	"	1	1	30.16	80	80	74			"	"	4	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

Longitude by D. R. at Noon

°

Latitude by Observations at Noon °

°

Longitude by Chronometer from Forenoon Observations °

°

Current during the time knots fms. per hour, setting to the

°

Variation of the Compass by Amplitude ° observed at Sunrise

°

Variation of the Compass by Azimuth ° observed at

°

Water expended during the preceding 24 hours

350 gallons.

Water distilled during the preceding 24 hours

2700 "

Water remaining on hand fit for use at Noon

2700 "

Coal consumed during the preceding 24 hours

1 tons 2060 lbs.

Coal remaining on hand at Noon

128 " 1868 "

P. M.																
1	"	"	18 by E	/	1	30.14	82	82	73			bc	Circum	2	"	
2	"	"	"	/	1	30.10	82	82	73			"	"	4	"	
3	"	"	"	/	1	30.12	82	82	73			"	Quatuor	3	"	
4	"	"	"	2	1	30.12	82	82	73			"	"	3	"	
5	"	"	"	1/1	1	30.12	82	82	73			"	"	4	"	
6	"	"	"	1	1	30.12	82	82	73			"	"	4	"	
7	"	"	"	1	1	30.12	81	81	73			"	"	4	"	
8	"	"	"	1	1	30.12	80	80	73			"	"	4	"	
9	"	"	"	2	1	30.14	80	78	71			"	Circum Gomulus	6	"	
10	"	"	"	2	1	30.14	80	78	71			"	"	6	"	
11	"	"	"	3	1	30.16	80	78	73			"	"	5	"	
Mid.	"	"	"	3	1	30.16	80	78	73			"	"	5	"	

Longitude by Chronometer from Afternoon Observations °

°

Longitude by Chronometer from Observations \*

°

Variation of the Compass by Amplitude ° observed at Sunset

°

Variation of the Compass by at

°

under the command of

Commander C. H. M<sup>c</sup>Cormick

, U. S. Navy,

Saturday. July 7<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 10 A.M. Weather pleasant. Light hailing showers of rain in early part of watch. Light breeze from N.E by E. Barometer steady. At 2.20 stopped distilling and banked the fires. At 4<sup>15</sup> Robert E. Henry, (O.S. 2d), was reported as having escaped from under sentry's charge and having deserted the ship. Aneroid barometer 29.98.

Tail Number, R. L. Lewis

11 to 8 A.M. Pleasant weather. Calm. Barometer rising. At 7.30 crossed top gallant and royal yards and bent the gear. Aneroid barometer 30.02 Received for use of crew 90 lbs. of fresh beef and vegetables, and 73 loaves of bread.

W.W. Dunn Master

8 A.M. to Meridian. Cloudy and warm. Gentle breezes to light airs from N.E by E. Barometer steady. Aneroid 30.00. At 9.30 mustered at quarters, and the following named men were reported absent without leave, viz: Henry Schumale (1do) Edw. Gallagher (1do) J. J. W. Cann. (1ds) Hans Kaspricew. (1ds) R. J. Burrows. (1ds) M. J. A. Berthhardt. (Carp) W<sup>m</sup> Morris. (O.A.G.) M. L. Hartman. (O.A.P.) W. Mullow (O.S. 2d.) Walter Disney. (1ds) David Montgomery (1Cin) and Rob<sup>t</sup> E. Henry (O.S.C) Chal. Dickson. (1ds) and A. J. McMillan. (Apttly) Received a mail from the U.S. by the British steamer "Fedlandia". David Montgomery (1Cin) was brought off by the police and ten dollars reward was paid for his delivery, also R. E. Henry (O.S.C) whose reward of twenty dollars was paid. A reward of ten dollars was paid for John Dempsey. (P.M) brought on board yesterday.

H. D. Dunn. Engineer

Meridian to 11 P.M. Weather clear and pleasant, Light breeze from N.E by E. Barometer falling. Cirro-cumulus, cumulus, and stratus clouds. Received on board Seven (7) tons, and two hundred and eighty lbs. (280lbs) of coal. Receiving and stowing mess stores. Aneroid barometer 29.96.

Tail Number, R. L. Lewis

4 to 8 P.M. Cloudy and pleasant. Light airs from N.E by E. Barometer steady. Aneroid 29.99. At 4.45 mustered at quarters, and found the same absented as this A.M. I visited smoke pipe, put on mast, and yard covers, and made preparations for sea.

H. D. Dunn. Engineer

8 P.M. to Midnight, Weather clear and pleasant, Barometer rising. Light to gentle breeze from N.E by E. Cirro-cumulus and nimbus clouds. Aneroid barometer 30.00

Tail Number, R. L. Lewis

Moon and Examined and found to be correct.

Dec 6° 14' 39" N

Phase New moon

W. H. Parker  
Lieut. Navigator.

LOG of the UNITED STATES Steamer "Essia", 3<sup>d</sup> Rate, 6 Guns,  
Honolulu, H.I., and making passage to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Mored	18 by 8		N E	11			30.111	70	78	76	78	bc	circum	6	5	
2	"		"	3			30.111	78	78	76	78	"	"	7	"	
3	"		"	3			30.12	78	78	76	78	"	circum fronctus	6	"	
4	"		"	3			30.12	78	78	76	78	"	"	6	"	
5	"		"	3			30.12	78	78	76	78	"	circum	5	"	
6	"		"	3			30.14	78	78	76	78	"	"	5	"	
7	"		"	3			30.16	78	78	76	78	"	"	6	"	
n Standing out of Honolulu	"		"	3			30.19	80	80	72	78	"	"	7	"	
21°17'	8 Harbor		6 x S	3			30.19	80	81	73	78	"	"	7	"	
157°50' 10	6 0		S. W.	"	4		30.19	79	80	74	78	"	circum	5	.	Made all square sail to
11	6 5		"	1			30.19	79	80	74	78	"	"	5	.	royals. and jib. except
Noon.	5 0		"	18	2		30.19	79	80	75	78	"	"	4	.	mainsail

Distance run by Log since preceding Noon

17 knots 5 fathoms.

Latitude by D. R. at Noon

21° 03' 00" N

Longitude by D. R. at Noon

158° 06' 00" W

Latitude by Observations at Noon ☽

• • "

Longitude by Chronometer from Forenoon Observations ☽

• • "

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

• • "

Variation of the Compass by Azimuth ☽ observed at

• • "

Water expended during the preceding 24 hours

350 gallons.

Water distilled during the preceding 24 hours

700 "

Water remaining on hand fit for use at Noon

3100 "

Coal consumed during the preceding 24 hours

2 tons 1820 lbs.

Coal remaining on hand at Noon

126 " 118 "

P. M.																	
1	14 0	21 8 M.	E N E.	2-4			30.16	78	83	76	78	bc	circum cum stratus	4	5		
2	6 44	"	"	4-6			30.16	78	81	76	78	ocp/q	cumulus	0	.	Set starboard staysails	
3	6 0	"	"	4-6			30.11	78	79	75	78	ocp/q	nimbus	0	.		
4	6 44	"	"	4-6			30.12	78	79	75	78	bc	cumulus	2	.	Set port staysails	
5	6 8	"	"	4			30.12	79	79	75	78	"	circum nimbus	4	"		
6	7 41	"	"	5			30.12	79	79	75	78	"	"	3	"		
7	8 0	"	"	5			30.12	79	79	75	78	"	circum stratus	2	.		
8	7 6	"	"	5			30.14	79	79	75	78	"	"	2	.	Took in both fore top- gall staysails	
9	7 20	5 6 M.	"	5			30.14	79	79	75	78	bc	cumulus	2	.	gall staysails	
10	6 45	21 8 M.	E S E.	11			30.18	78	78	76	78	bcp/q	cumulus	2	.		
11	6 4	"	E x S.	11			30.20	79	79	74	78	"	"	4	"		
Mid.	6 5	"	"	11			30.20	79	79	74	78	bc	"	5	"		

Longitude by Chronometer from Afternoon Observations ☽

• • "

Longitude by Chronometer from Observations \*

• • "

Variation of the Compass by Amplitude      observed at Sunset

• • "

Variation of the Compass by      at

• • "

under the command of

Commander A. H. M<sup>o</sup>. Cornuek

, U. S. Navy,

Sunday, July 8<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 a.m. Weather clear and pleasant. Gentle breeze in puffs from N.E. by E. Barometer falling. Aneroid 30.00.

11 to 8 A.M. Cloudy and pleasant. Gentle breeze from N.E. Barometer rising. Aneroid 30.00. Started fires under boilers 1, 2, 3 and 11 at 11.45. Made preparations for sea and brought to chain. At 7.25 called all hands up anchor, cast off stem mooring and hoisted up anchor. Started ahead slowly at 7.55. Set and took in jib. Steamed out of the harbor.

8 A.M. to Meridian. Weather pleasant. Breeze light to moderate in force from N.E. to E by S. Barometer steady. At 9. put the ship on the course S.W. by order of the Captain and made sail, uncoupled the propeller and commenced distilling. At 9.30 went to quarters, mustering and inspecting the crew and found the following named men absent without leave, and they are declared deserters from this date, viz: Henry Schmale, (Sds) Edward Gallagher, (Sds) John J. M<sup>o</sup>. Gann, (Sds) Hans Kaspersen, (Sds) Robt J. Burrows, (Sds) May J. A. Bernhardt, (Carp.) William Morris, (Cob) W. S. Hartman (O.S.) Wm. Mullin, (O.S.C.) Walter Disney, (Sds) Chas. Dickson, (Sds) and A. J. M<sup>o</sup>. Miller, (Apoth) By order of Captain released Robert C. Henry (O.S.C.), and John Davidson, (Sds) from confinement and made them prisoners at large; released Harry Lake, (P.M.) to await the investigation of his case, released Robert Wooley, (Sea) until he shall be pronounced by the surgeon strong enough to endure the punishment awarded him. At 12 changed course to WSW by order of the Captain. The island of Oahu in sight astern. Aneroid barometer 30.00. At 9. took departure. Honolulu light bearing (pc) N.E. Diamond Head bearing (pc) E by S. Ships head S.W. Ships draft fore 13' 10" and 15' 10" aft.

Meridian to 1 P.M. Weather cloudy equally and rainy. Wind from ENE. Barometer steady. Stopped distilling at 2.30. Set all starboard studding sails at 3.30. Set all port stunsails at 3.50. Aneroid 30.00.

11 to 8 P.M. Cloudy. Pleasant. Moderate breeze from ENE. Moderate sea. Started fires. Aneroid 30.00.

8 P.M. to Midnight. Weather pleasant. Light passing showers in first part of watch. Moderate breeze from ESE to E by S. At 8.00 took in starboard studding rails and hauled up to SSW to repair the packing of one of the starboard dead lights on berth deck. Barometer steady. Cumulus and nimbus clouds. Aneroid barometer 30.03.

Midnight, Lieut

Moon mid Examined and found to be correct.

Dec 1° 59' 10" N

Phase. New Moon

W. G. T. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

Steamer "Essex", 3d Rate, 6 Guns,  
Waiting passage from Honolulu, H. I. to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	6	5	N S N.	E by N.	4		30.16	78	78	74	78	b c	cumulus	4	S	All square sail to royals
2	7	0	"	S E.	4-6		30.16	75	74	72	78	oc p	nimbus	0	"	except mainsail, jib,
160° 40' W	8	5	"	E S E.	11		30.16	75	74	72	78	oc r	"	0	"	port stunsails except
4	2	0	"	E + S.	2		30.16	75	74	72	78	.	"	0	"	lower. Set fly-jib
5	6	0	"	E N E.	3		30.12	77	77	74	78	b c d	cumulus	1	"	foretop staysail
6	6	0	"	"	11		30.12	77	77	74	79	b c	"	1	"	Hauled down fly-jib
7	6	4	"	"	11		30.15	77	77	74	79	"	cirrus	1	"	and foretop staysail
20° 34' W	8	6	11	"	11		30.15	78	77	74	79	"	3 cum	1	"	and foretop staysail
160° 26' W	9	7	0	"	4		30.16	80	79	75	79	"	"	4	"	Set port lower stunsail
10	6	6	"	"	4		30.16	80	79	75	79	"	"	3	"	Set all stunsails
11	6	0	"	"	11		30.17	80	80	75	79	"	"	5	"	except foretop, took in
Noon.	8	0	"	"	4		30.18	81	81	75	79	"	"	5	"	port foretopg. took in

Distance run by Log since preceding Noon

151 knots <sup>Tenths</sup>  
fathoms.

Latitude by D. R. at Noon

20° 33' 00" N

Longitude by D. R. at Noon

160° 45' 00" W

Latitude by Observations at Noon ☽

20° 29' 00" N

Longitude by Chronometer from Forenoon Observations ☽

160° 55' 00" W

76

Current during the time .48 knots — fms. per hour, setting to the

86° 20" W

Variation of the Compass by Amplitude ☽ observed at Sunrise

• "

Variation of the Compass by Azimuth ☽ observed at 8. A. M.

10° 00' 00" E

Water expended during the preceding 24 hours

350 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2750 "

Coal consumed during the preceding 24 hours

1 tons 1760 lbs.

Coal remaining on hand at Noon

124 " 528 "

P. M.																
1	6	0	N S N.	E N E.	11		30.20	80	82	75	79	b c	cumulus	4	"	
2	5	5	"	"	11		30.19	80	82	75	79	"	cumulus	5	"	
3	5	5	"	"	3		30.19	80	82	75	79	"	"	5	"	
4	5	"	Steering ship for deviation of compass.	"	3		30.19	80	81	74	79	"	cumulus	6	"	
5	"	"	"	"	3		30.21	80	80	74	79	"	"	3	"	
6	"	"	"	"	3		30.22	79	79	74	79	"	"	4	"	
7	5	6	N S N.	"	11		30.22	79	79	74	79	"	cumulus	6	"	
20° 23' W	8	5	8	"	11		30.20	79	79	74	79	"	"	6	"	
160° 32' W	9	6	0	"	11		30.18	79	79	74	79	"	"	6	"	
10	6	0	"	"	11		30.18	79	79	78	79	"	"	8	"	
11	6	1	"	"	11		30.16	79	79	78	79	"	"	8	"	
Mid.	6	4	"	"	11		30.16	79	79	78	79	"	"	8	"	

Longitude by Chronometer from Afternoon Observations ☽

161° 03' 00" W

Longitude by Chronometer from Observations \*

• "

Variation of the Compass by Amplitude observed at Sunset

• "

Variation of the Compass by at

• "

under the command of Commander A. H. M<sup>o</sup> Connick, U. S. Navy,  
Monday, July 9<sup>th</sup>, 1883.

Commer  
calm La  
Aurorid  
Lookin,

4 to 8  
ometer  
Aurorid

8 AM to  
Modera  
Divisio  
small  
except  
manu  
duty  
(O.S.C.)  
ten day

Meridi  
ster ste  
secund  
in all s  
swings

4 to 6.  
E. N.E.

6 to 8.  
erato b

8 P.M. to  
Midnight. Clear and pleasant. Moderate to fresh breeze  
from E. & E. Moderate swell, ship rolling from  $10^{\circ}$  to  $15^{\circ}$  occasionally.

Moonlight, finished distilling at 11.30. Banked fires. Aurora 30.85

W. W. Inn Master



under the con-

S. Navy,

Commer-  
calm La-  
Aurora  
Lookin,

11 to 8 C  
ometer  
Aurora

8 A.M to  
Modera  
Divisio  
small  
except  
manu  
duty  
(O.S.C.L.)  
ten day

Meridi-  
eter ste-  
second  
in all e  
swings

11 to 6.  
E. N.E.

6 to 8. overcast and pleasant. Slight moonlight latter part. Mod-  
erate breeze from E. N.E. Barometer steady. Aurora'd barometer 30.05.

8 P.M to Midnight. Clear and pleasant. Moderate to fresh breeze  
from E. N.E. Moderate swell, ship rolling from  $10^{\circ}$  to  $15^{\circ}$  occasionally.  
Moonlight. Finished distilling at 11.30. Banked fires. Aurora'd 30.65  
W. W. Dunn Master

Moon & mid Examined and found to be correct.  
Dec 1° 59' 30 S.  
Phase New moon

U.S.S. Essex, 3d Rate.

At sea. July 9th 1883.

Commander.

A. H. M. Conwick, U.S.N.

Commanding.

Sir:

We recommend that Henry Dines,  
Hans Karlén, William Spellman  
and Walter Grahame, Ord. Seamen be  
separated to Seamen, and that Frederick  
D. Barnes and Michael Haley (Lands)  
be separated to Ordinary Seamen.

Very respectfully.

M. H. Mackenzie Lieut

W. S. T. Parker Lieut } Com't Board.

W. W. Dunn Lieut

ing nearly  
steady.  
ail at 1.30

Res Lieut  
H. C. Bar-  
aysair.

Master  
from E.W.  
Powder  
nies at  
d stunsails  
ter of Com-  
rs extra  
, Sloyd.  
late. P.M.

88 Lieut  
Barom-  
ies and  
26.15 took  
began  
30.60.

2 Lieut  
from  
ich 30.02  
2 Lieut

W. S. T. Parker  
Lieut 8 Navigator.



under the co

S. Navy,

Commences and until 11 A.M. Weather overcast squally and rainy; nearly calm latter part of watch. Wind variable and fitful. Barometer steady. Aneroid 30.02. Set foretopmast staysail, flying jib and maintopmast sail at 1.30 took in maintopmast sail at 3.30.

*Officer Lieutenant*  
11 to 8 A.M. Cloudy, threatening rain. Moderate breeze from E.N.E. Barometer rising. At 8. hauled down flying jib and maintopmast staysail. Aneroid barometer 30.04.

*W.W. Inn Master*  
8 A.M. to Meridian. Clear and warm. Fresh to moderate breeze from E.N.E. Moderate sea. At 9.30 mustered at quarters; exercised 1st, 3d and Powder Divisions at small arms, 2d and Navigators at single sticks. Marines at small arms. At 8.30 set port lower stunsails and at 10. all starboard stunsails except fore topgall-stunsail. Aneroid 30.02. Banked fires. By order of Commanding Officer, Rich<sup>d</sup> A. Grisby (Ldg) was given twelve hours extra duty for neglect of orders. Louis J. Schumah (cox) and Chas. Sloyd. (O.S.C.L) four hours extra duty, each, for fighting and Carrying late P.M. ten days extra duty for neglect of duty. *Wimmer-De-Kerose*

*Officer Lieutenant*  
Meridian to 4 P.M. Weather pleasant. Gentle breeze from E.N.E. Barometer steady. Clouds cumulus and cirro cumulus. Umbent cables and secured anchors for sea. Oiled steel harpoons and struck it below. At 3.15 took in all sail, coupled propeller and at 3.30 steamed ahead and began swinging ship for compass deviation. Aneroid barometer 30.60.

*Officer Lieutenant*  
4 to 6 P.M. Weather clear and pleasant. Moderate breeze from E.N.E. Smooth sea. Swinging ship. Aneroid, at end of watch 30.02.

*Officer Lieutenant*  
6 to 8 P.M. Clear and pleasant. Bright moonlight latter part. Moderate breeze from E.N.E. Barometer steady. Aneroid barometer 30.01.

*W.W. Inn Master*  
8 P.M. to Midnight. Clear and pleasant. Moderate to fresh breeze from E.N.E. Moderate swell, ship rolling from 10° to 15° occasionally. Moonlight. Finished distilling at 11.30. Banked fires. Aneroid 30.65  
*Wimmer-De-Kerose*

Moon  $1^{\circ} 59' 30''$  S. Examined and found to be correct.

Phase New moon

*W.M. Parker*  
Lieut-8 Navigator.

LOG of the UNITED STATES

Steamer "Essex"

, 3d Rate, 6 Guns,

Making passage from Honolulu, H. I. to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	6 0	24.8 N	ENE	11			30.20	79 79 78 79				bc	cir	9 6	all aqua sail ex.	
2	6 0	"	"	11			30.19	79 79 78 79				"	"	9 "	Capt main sail. All	
3	5 5	"	"	3			30.19	78 79 73 79				"	"	9 "	slugs except fore	
4	5 0	"	"	3			30.19	78 79 73 79				"	"	9 "	topgalt.	
5	5 2	"	"	3			30.19	78 79 73 79				"	"	8 "		
6	Swinging ship			3			30.19	78 78 73 79				"	"	8 "		
7	"	"	"	3			30.20	78 78 72 79				"	"	8 "		
8	"	"	"	3			30.20	80 79 73 79				"	"	8 "		
9	6 0	24.8 N	"	3			30.20	80 79 73 79				"	"	6 "		
10	5 6	"	"	3			30.23	80 80 78 80				"	"	6 "		
11	5 8	"	"	3			30.23	80 80 78 80				"	"	6 "		
Noon.	7 0	"	"	4			30.23	80 80 78 80				"	"	6 "		

Distance run by Log since preceding Noon

106 knots 0 fathoms

Latitude by D. R. at Noon

20° 07' 30" N

Longitude by D. R. at Noon

162° 55' 00" W

Latitude by Observations at Noon ☽

20° 03' 00" N

Longitude by Chronometer from Forenoon Observations ☽

162° 55' 15" W

Current during the time      knots      fms. per hour, setting to the

?

Variation of the Compass by Amplitude ☽ observed at Sunrise

• " "

Variation of the Compass by Azimuth ☽ observed at 8. A. M.

9° 30' 00" E

Water expended during the preceding 24 hours

350 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2400 "

Coal consumed during the preceding 24 hours

4 tons 940 lbs.

Coal remaining on hand at Noon

119 " 1828 "

P. M.																
1	6 0	24.8 N	ENE	3			30.20	81 84 76 80				bc	circum	6 8		
2	6 0	"	"	3			30.19	82 84 76 80				"	"	6 "		
3	5 4	"	"	3			30.19	82 84 76 80				"	"	6 "		
4	5 4	"	"	3			30.19	82 84 76 80				"	"	7 "		
5	5 0	"	"	3			30.19	82 83 76 80				"	circum	7 "		
6	5 0	"	"	3			30.20	80 83 76 80				"	"	6 "		
7	6 0	"	"	11			30.20	80 81 75 80				"	circum	5 "		
8	6 0	"	"	11			30.20	80 81 76 80				"	"	5 "		
9	6 0	"	"	11			30.20	80 81 76 80				"	"	7 "		
10	6 2	"	"	11			30.23	80 81 76 80				"	"	7 "		
11	6 1	"	"	11			30.23	80 81 76 80				"	"	7 "		
Mid.	6 2	"	"	11			30.23	80 81 76 80				"	"	7 "		

Longitude by Chronometer from Afternoon Observations ☽

162° 50' 00" W

Longitude by Chronometer from Observations \*

• " "

Variation of the Compass by Amplitude      observed at Sunset

• " "

Variation of the Compass by      at

• " "

under the command of

Commander A. H. M<sup>c</sup>Cormick, U. S. Navy,  
Tuesday, July 10<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather clear and pleasant. Moderate breeze from E. N.E. Barometer steady. Cirrus clouds. Painted fires. Aneroid barometer 30.03.

7 A.M. Weather Fair. 4 to 8 A.M. Weather clear and pleasant. Gentle breeze from E & E. Barometer steady. Took in all sail at 5.20, spread fires and started ahead under steam at 5.30. Swinging ship during remainder of watch. Aneroid at end of watch 30.04.

8 A.M. to Meridian. Clear and warm greater part of watch clouding over at the close. Moderate breeze from E.N.E. At 8. finished swinging ship and put ship on course WSW. At 8. made all plain sail to royal except main sail and spanker, also all stunsails except fore topgallant stunsails. At 8.35 stopped steaming, disconnected the propeller, and hauled fires. At 9.15 went to quarters for inspection after which exercised 1st, 2d and 3d divisions at great guns. Powder division at powder drill and marine guard at small arms. Aneroid barometer 30.00. At 12.00 changed course to WSW.  $\frac{3}{4}$  N.

W.W.Dunn Master  
Meridian to 11 P.M. Clear and pleasant. Moderate breeze from ENE. Moderate sea with occasional heavy rolls, from 10° to 15°. Hauled down jib. Aneroid 30.01.

11 to 8 P.M. Weather clear and pleasant. Gentle breeze from ENE. Barometer steady. Clouds cirrus and cirro-cumulus. At 12.45 mustered at quarters, and then exercised at shortening sail and reefing topgallants, making sail at 5.15. Aneroid barometer 30.03.

6 to 8 P.M. Weather clear and pleasant, Gentle breeze from ENE. Ship rolling easily. Barometer steady. Aneroid 30.04.

8 P.M. to Midnight Pleasant weather, Moderate breeze from ENE. Ship rolling deeply at times. Aneroid barometer 30.06.

W.W.Dunn Master

Examined and found to be correct.

Moon low mid DEC 5° 57' 07" S Phase. New moon

W. J. V. Parker  
Lieut. & Navigator.

LOG of the UNITED STATES

Steamer "Essex" , 38 Rate, 6 Guns,  
Making passage from Honolulu H. I to Yokohama Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	6 0	248 1/2 N	ENE	5			30.23	80	81	76	80	bc	circum 3 cum	7	L	All square sail ex-
2	6 0	"	"	5			30.23	80	81	75	80	"	"	7	"	After main sail, stem-
3	6 0	"	"	5			30.23	80	81	76	80	"	"	7	"	sails except lower
4	6 0	"	"	5			30.22	80	81	76	80	"	"	7	"	
5	6 0	"	"	4			30.22	79	79	74	80	"	circum 3 cum	5	S	
6	5 5	"	"	3			30.23	79	79	74	80	"	"	6	"	
7	5 5	"	"	3			30.23	79	79	74	80	"	"	5	"	
8	6 0	"	"	4			30.23	79	79	74	80	"	"	7	"	
9	5 8	"	"	3-4			30.26	80	80	74	80	"	"	7	"	
10	5 11	"	"	3-4			30.26	80	81	76	80	"	circum	7	"	
11	6 2	"	"	3-4			30.26	80	81	76	80	"	"	6	"	Set lower stemsails
W	Noon.	6 2			4		30.26	80	82	76	80	"	"	8		
165° 00'																

Distance run by Log since preceding Noon

133 knots 6 fathoms.

Latitude by D. R. at Noon

19° 56' 30" N

Longitude by D. R. at Noon

165° 11' 00" W

Latitude by Observations at Noon ☽

19° 58' 00" N

Longitude by Chronometer from Forenoon Observations ☽

165° 05' 30" W

93

Current during the time — knots — fms. per hour, setting to the

?

Variation of the Compass by Amplitude ☽ observed at Sunrise

" "

Variation of the Compass by Azimuth ☽ observed at 8 A. M.

10.00 E

Water expended during the preceding 24 hours

350 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

0150 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

119 " 1028 "

P. M.																	
1	6 0	248 N	ENE	11			30.23	80	82	75	80	bc	circum	7	L		
2	5 8	"	"	9			30.20	80	82	75	80	"	"	6	"		
3	6 0	"	"	11			30.16	80	82	75	80	"	"	6	"		
4	5 8	"	"	3			30.16	80	82	75	80	bcg	"	5	"		
5	6 4	"	"	11			30.15	81	82	76	80	"	"	11	"	Took in all port stemsails	
6	6 0	"	N 8 by E	5-3			30.15	81	82	76	80	bcp	circum ninth	4	S	and set jib.	
7	5 5	"	"	3			30.15	81	82	76	80	bc	circum 3 cum	4	"		
8	6 6	"	"	3			30.17	80	81	76	80	"	"	5	"	Let sets of topgall stemsail	
9	5 6	"	"	8-11			30.20	80	80	74	80	"	giramus	6	"		
10	5 8	"	"	3-4			30.24	80	80	74	80	"	"	7	"		
11	6 2	"	"	4			30.24	80	80	74	80	"	"	8	"		
Mid.	6 0	"	"	4			30.24	80	79	74	80	"	"	8	"		

Longitude by Chronometer from Afternoon Observations ☽

165° 24' 00" W

Longitude by Chronometer from Observations \*

" "

Variation of the Compass by Amplitude observed at Sunset

" "

Variation of the Compass by at

" "

under the command of

Commander A. G. M<sup>o</sup> Cormick

, U. S. Navy,

Wednesday, July 11<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Clear and pleasant. Moderate breeze from N.E. Moderate sea. Ship rolling easily to moderate swell from direction of wind. Aneroid 30.04. *Winnipeg Reefs* <sup>or Lizard</sup>

4 to 8 A.M. Clear and pleasant. Gentle to moderate breeze from E.N.E. Barometer steady. Clouds cumulus and cirro-cumulus. Sea smooth barring an occasional long swell from N<sup>o</sup> and E<sup>t</sup>. Aneroid barometer 30.09. *Hail Wharf Lizard*

8 A.M. to Meridian. Weather clear and warm. Moderate breeze from E.N.E. Smooth sea. Barometer rising. Exercised at general quarters at 9.15. Set both lower stunsails at 11.00. Aneroid at end of watch 30.06. *Peak Lizard*

Meridian to 4 P.M. Weather cloudy and warm. Moderate to gentle breeze from E.N.E. Barometer falling. Aneroid 30.00. At 12.02 changed course from W.S.W.  $\frac{3}{4}$  W to W by S. Ship under all square sail except mainail with stunsails both sides. Rolling easily to a long swell from E.N.E. Greatest roll  $30^{\circ}$  to port and  $25^{\circ}$  to starboard. The regular board of survey condemned a throw overboard eight (8.) cans of preserved meat. *H.D. Dunn*. Ensign

4 to 6 P.M. Weather greater part of watch clear and pleasant. Light squalls of wind, and rain at 5.30. Smooth sea. At 5.00 took in port stunsails. At 4.45 mustered at quarters. Aneroid 30.00. *Winnipeg Reefs* <sup>Saint</sup>

6 to 8 P.M. Weather clear and pleasant. Gentle breeze from N.E. by E. Clouds cumulus and cumulus stratus. Sea smooth. Ship steady. Aneroid 30.05. *Hail Wharf Lizard*

8 P.M. to Meridian. Weather clear and pleasant. Moderate breeze from N.E. by E. Barometer rising. Pale moonlight, Aneroid 30.05. *Peak Lizard*

Moon mid Examined and found to be correct.

Dec 9° 40' 40" S  
Phase Full Moon

W. H. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

*Steamer "Essex"*, 38 Rate, 6 Guns,  
Making passage from Honolulu H. I. to Yokohama Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	6	11	W by S	N by E	4		30.20	79	79	75	80	bc	circum	7	S	Square sail except
2	6	4	"	"	11		30.16	79	79	75	80	"	"	6	"	main sail, all stunsails
3	6	2	.	East	11		30.16	78	78	76	80	bcp	"	4	"	
4	6	4	.	"	11		30.16	78	78	76	80	bc	"	6	"	
5	6	6	"	"	5		30.16	78	78	76	80	"	"	6	"	
6	7	6	"	"	5		30.18	78	78	76	80	"	circum	5	"	
7	7	6	"	"	5		30.19	79	79	76	80	"	"	5	"	Set all port stunsails
8	7	0	"	"	5		30.20	79	79	76	80	bcp	circum	3	"	except fore topgall-
9	5	5	"	E by N.	3		30.20	78	78	76	80	bc	"	5	"	
10	6	5	"	"	4		30.22	78	78	76	80	bcp	"	3	"	
11	5	5	"	"	3		30.22	79	80	76	80	bc	"	3	"	Set all stbd stunsails
Noon.	5	5	"	"	3		30.22	79	81	76	80	"	"	4	"	except for topgall-

Distance run by Log since preceding Noon

147 knots 5 fathoms

Latitude by D. R. at Noon

19° 58' 00" N

Longitude by D. R. at Noon

167° 38' 00" W

Latitude by Observations at Noon ☽

19° 56' W

Longitude by Chronometer from Forenoon Observations ☽

167° 24' 00" W

93

Current during the time — knots — fms. per hour, setting to the

?

Variation of the Compass by Amplitude ☽ observed at Sunrise

— " —

Variation of the Compass by Azimuth ☽ observed at 8 A. M.

10° 30' 00" E

Water expended during the preceding 24 hours

350 gallons.

Water

during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1800 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

119 " 1928 "

P. M.																	
1	5	11	W by S	E by N.	3		30.19	80	82	76	80	bc	circum	11	1		
2	5	4	"	"	3		30.19	80	82	76	80	"	"	9	"		
3	5	5	"	"	3		30.15	80	82	76	80	"	"	11	"		
4	5	5	"	"	3		30.15	80	82	76	80	"	"	7	"		
5	5	5	"	E N E	3		30.11	80	81	76	81	"	"	7	"		
6	6	5	"	"	3		30.11	80	80	76	81	"	"	7	"	Set port fore topgall-	
7	6	0	"	"	3		30.11	80	81	76	81	"	circum	6	"	lower stunsail took	
8	5	6	"	"	3		30.11	80	81	76	81	"	circum	6	"	in stbd fore topgall. stunsail	
9	6	0	"	E by N.	11		30.20	79	81	76	81	"	circum	8	"		
10	5	5	"	"	3		30.20	79	81	76	81	"	circum	8	"		
11	5	5	"	"	3		30.20	79	81	76	81	bcp	circum	5	"		
Mid.	6	0	"	"	4		30.20	79	80	76	81	"	"	6	"		

Longitude by Chronometer from Afternoon Observations ☽

167° 28' 00" W

Longitude by Chronometer from Observations \*

" "

Variation of the Compass by Amplitude observed at Sunset

" "

Variation of the Compass by at

" "

under the command of Commander A. H. M<sup>c</sup> Connick, U. S. Navy,  
Thursday, July 12<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy and cool. Moderate breeze from N by E. hauling to S by E. Ship rolling easily. Barometer falling slowly. Aneroid barometer 30.05.

W. W. Dunn Master  
4 to 8 A.M. Cloudy. drizzling rain last hour of watch. Fresh to moderate breeze from East. Smooth sea. At 8 took in all starboard stunsails and set port ones. Hauled down jib. Aneroid 30.04.

Wainwright - Heege Lieut  
8 A.M. to Meridian. Weather clear and pleasant. Gentle to moderate breeze from E by N. Barometer steady. At 9.30 mustered and inspected crew at quarters. Aneroid barometer 30.07.

Karl Rohrk, Lieut  
Meridian to 11 P.M. Cloudy and pleasant. Gentle breeze from E by N. Barometer steady. Aneroid 30.00. Smooth sea. Course N by S. All square sail except mainsail, stunsails both sides.

H. Dunn Ensign  
11 to 6 P.M. Clear and warm. Moderate breeze from E N E. Went to quarters for inspection at 11.45 after which gave five minutes oral instruction to the divisions. At 11<sup>50</sup> exercised at taking in and setting all stunsails. Took in port studding sails, at close of the exercise Aneroid barometer 30.02.

W. W. Dunn Master  
6 to 8 P.M. Clear and pleasant. Moderate breeze from E N E. Smooth sea. At 6<sup>30</sup> set all port stunsails. Aneroid 30.00.

Wainwright - Heege Lieut  
8 P.M. to Midnight. Weather pleasant. Gentle to moderate breeze from E by N. Light passing showers in latter part of watch. Aneroid barometer 30.03.

Karl Rohrk, Lieut

Moon Liquid Examined and found to be correct.

Dec 12° 58' 41.8  
Phase Full Moon

W. H. Parker  
Lieut-3 Navigator.

LOG of the UNITED STATES

Steamer "Essex"

, 3d Rate, 6 Guns,

Making passage from Honolulu, H. I. to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	6	0	N by S	E by N.	4		30.14	79	80	75	81	bcp	cirrus 80 miles	7	8	All square sail ex-
2	6	0	"	"	4		30.12	79	80	75	81	bc	"	7	+	left mainsail & port
3	6	0	"	"	4		30.12	79	80	74	81	"	"	8	+	Studds except topgall
4	6	0	"	"	4		30.12	79	80	74	81	"	"	8	+	
5	6	0	"	"	4		30.10	79	79	75	81	"	cum	7	+	
6	6	0	"	"	4		30.10	79	79	75	81	"	"	7	+	
7	6	4	"	"	4		30.13	79	79	75	81	"	"	7	+	
8	6	6	"	"	4		30.15	80	80	74	81	"	"	7	"	
9	6	2	"	"	4		30.17	81	81	75	81	"	cir	9	"	
10	6	2	"	"	4		30.18	81	81	75	81	"	"	9	+	
11	6	0	"	"	4		30.17	81	82	75	81	"	"	8	"	
Noon.	6	6	"	"	4		30.16	82	82	76	81	"	"	8	"	

Distance run by Log since preceding Noon

140 knots 4 fathoms.

Latitude by D. R. at Noon

19° 50' 42" N

Longitude by D. R. at Noon

169° 57' 30" W

Latitude by Observations at Noon ☽

19° 51' 22" N

Longitude by Chronometer from Forenoon Observations ☽

169° 59' 00" W

Current during the time — knots — fms. per hour, setting to the

—

93

Variation of the Compass by Amplitude ☽ observed at Sunrise

" "

Variation of the Compass by Azimuth ☽ observed at 8. A. M.

9° 30' 00" E

Water expended during the preceding 24 hours

360 gallons.

Water

during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1450 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

119" 928 "

19° 51'

W 51'

170° 00'

P. M.	Courses steered.	Lee-way.	WINDS.		Barometer.	Temperature.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.				
			Direction.	Force.											
1	5	4	N by S.	E by N.	3	30.18	80	85	77	81	bc	cirrus 8 miles	8	S	Took in port stunsails
2	5	8	N 34° S.	"	3	30.16	80	83	75	81	"	"	7	+	set std topgall stunsail
3	6	0	"	N E.	4	30.14	80	82	75	81	"	"	7	+	
4	5	8	"	"	4	30.12	80	82	75	81	"	"	7	"	
5	6	0	"	"	4	30.12	80	82	75	81	"	"	6	"	
6	6	0	"	"	4	30.12	80	81	75	81	bcp.	"	6	"	
7	6	0	"	"	4	30.14	80	80	75	81	bc	cirrus 3 miles	6	"	
8	6	0	"	N E by E	4	30.14	80	80	75	81	"	"	8	"	
9	5	6	"	"	4	30.14	80	80	75	81	"	"	7	"	
10	5	6	"	"	4	30.16	80	80	75	81	"	"	7	"	
11	5	6	"	"	4	30.16	80	80	75	81	"	"	5	"	
Mid.	5	8	"	"	4	30.16	80	80	75	81	"	"	7	"	

Longitude by Chronometer from Afternoon Observations ☽

170° 03' 00"

Longitude by Chronometer from Observations \*

" "

Variation of the Compass by Amplitude observed at Sunset

" "

Variation of the Compass by Af 0 Lat 19° 51' N Long 170° 30' W

9° 45' 00" E ..

under the command of

Commander A. H. M<sup>o</sup> Connick

, U. S. Navy,

Friday. July 13<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences, and until 4 A.M. Weather clear and pleasant. Moderate breeze from E by N. Smooth sea. Barometer steady. Aneroid 29.99.

11 to 8 A.M. Clear and pleasant. Moderate breeze from E by N. Barometer steady. Aneroid barometer 30.03.

8 A.M. to Meridian. Clear and pleasant. Moderate breeze from E by N. Smooth sea. At 9.15 went to fore quarters and hauled up foresail. Aneroid 30.02.

Meridian to 4 P.M. Clear and pleasant. Gentle to moderate breeze from E by N and N.E. Barometer falling. Aneroid 29.96. Smooth sea. At 1.00. Changed course to N  $\frac{1}{2}$  S. At 2.15 took in all port stunsails and set starboard fore topgallant stunsail.

4 to 6 P.M. Weather generally clear and pleasant. Light passing showers at 5.00. Barometer steady. Mustered at quarters at 4.45. Aneroid 29.97.

6 to 8 P.M. Clear and pleasant. Bright moonlight latter part. Moderate breeze from N.E. Barometer steady. Aneroid barometer 29.98.

8 P.M. to Midnight. Clear and pleasant. Moderate breeze from N by E. Smooth sea. Bright moonlight. Aneroid 29.96.

W.M. Dunn Master.  
W.M. Dunn Ensign  
W.M. Dunn Lieut  
W.M. Dunn Lieut  
W.M. Dunn Lieut

Moon mid Examined and found to be correct.

Dec 15° 46' 41" S  
Phase Full Moon

W. J. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

*Steamer "Essex"*, 3d Rate, 6 Guns,  
Making passage from Honolulu, H. I. to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	5 0	3 1/4 S.	8 N. E.	3		30.15	80	81	76	81		b c	cum	7	8	Square sail except
2	4 5	"	"	3		30.13	80	81	76	81		"	"	8	"	mainsail, all other
3	4 5	"	E by N.	3		30.11	79	80	75	81		"	circum	8	"	Clouds. Tops in
4	5 0	"	"	3		30.11	79	80	75	81		"	"	9	"	abdl fore topgall-stunsail
5	6 0	"	"	11		30.14	79	80	75	81		"	"	8	"	and main topgall-stunsail
6	6 0	"	"	11		30.16	79	80	75	81		"	circum nimbus	7	"	
7	6 0	"	"	11		30.18	78	79	75	81		b c p	"	7	"	
8	6 2	"	"	4		30.22	78	79	75	81		b c	"	8	"	
9	6 0	"	"	11		30.15	80	80	76	81		"	circum	8	"	
10	5 6	"	"	3		30.15	80	80	76	81		"	"	8	"	
11	5 6	"	"	3		30.12	81	82	77	81		"	"	8	"	
Noon.	6 0	"	"	4		30.10	80	82	77	81		"	"	8	"	

Distance run by Log since preceding Noon

136 knots 0 fathoms.

Latitude by D. R. at Noon

19° 51' 00" N

Longitude by D. R. at Noon

172° 23' 00" W

Latitude by Observations at Noon ☽

19° 50' 00" N

Longitude by Chronometer from Forenoon Observations ☽

172° 23' 00" W

Current during the time      knots      fms. per hour, setting to the

---

Variation of the Compass by Amplitude ☽ observed at Sunrise

• — "

92 Variation of the Compass by Azimuth ☽ observed at 8. A. M.

9° 30' 00" E

Water expended during the preceding 24 hours

350 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1100 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

119" 628 "

P. M.																
1	5 0	2 1/4 S.	E by N.	3		30.12	81	80	78	81		b c	circum	8	8	
2	4 8	"	"	3		30.12	81	85	78	81		"	"	8	"	
3	5 0	"	"	3		30.12	81	80	78	81		"	"	6	"	
4	5 0	"	N E	3		30.11	81	85	78	81		"	"	6	"	
5	5 0	"	A 8 by E	3		30.10	81	83	77	81		"	circum nimbus	7	"	Looching port stunsails set starboard topgall-stunsail
6	5 0	"	"	3		30.10	81	82	76	81		"	"	8	"	Set port fore topgall and main topgall-stunsail
7	5 1	"	"	3		30.12	81	82	76	81		"	circum nimbus	6	"	Main topgall-stunsail
8	5 2	"	"	3		30.17	81	82	76	81		"	circum	8	"	
9	5 2	"	8 1/2	3		30.11	81	82	77	81		"	"	7	"	
10	5 6	"	"	3		30.15	81	82	77	81		"	"	7	"	
11	5 6	"	"	3		30.15	80	81	77	81		"	"	7	"	
Mid.	6 0	"	"	11		30.15	80	81	77	81		"	"	7	"	

Longitude by Chronometer from Afternoon Observations ☽

172° 26' 15" E

Longitude by Chronometer from Observations \*

• • "

Variation of the Compass by Amplitude      observed at Sunset

• • "

Variation of the Compass by      0 19° 50' N 172° 50' W

9° 45' W E

under the command of

Commander A. H. McCormick

, U. S. Navy,

Saturday, July 11th, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather clear and pleasant, Gentle breeze from E.N.E to E by N. At 3.00 squared the yards and set port stunsails. Aneroid barometer 29.94.

Wardroom Lieut

4 to 8 A.M. Weather generally clear and pleasant. Passing showers at 6.30. Moderate breeze from E by N. Barometer rising. Aneroid 29.99.

8 A.M. to Meridian. Clear and warm. Gentle breeze from E by N. Barometer steady. Arid bedding. Aneroid barometer 29.98.

W.M. Penn Master

Meridian to 4 P.M. Clear and pleasant, Gentle breeze from E by N and E. Barometer steady. Aneroid 29.98. Smooth sea. Course N. 1/2 S. At 3.10 took in all port stunsails and set starboard fore-top-gallant stunsail. All square sail except mainsail, with starboard stunsails.

W.M. Penn Ensign

4 to 6 P.M. Weather clear and pleasant, Gentle breeze from N.E. by E. Barometer steady. Clouds cirro-cumulus and cumulus. At 4.45 mustered at quarters and then exercised "shortening sail," "raising topgallants" and "making sail." Aneroid barometer 29.95.

Wardroom Lieut

6 to 8 P.M. Weather clear and pleasant, Gentle breeze from N.E. by E. Smooth sea. Barometer steady. Bright moonlight. Aneroid 29.98. Set port <sup>fore-topgallant</sup> stunsails and main topgallant stunsails at 7.30.

G. H. Penn Lieut

8 P.M. to Midnight. Pleasant weather, Gentle breeze from E.N.E. Bright moonlight. Barometer steady. Aneroid barometer 30.00.

W.M. Penn Master

Moon, mid

Examined and found to be correct.

Dec 17° 56' 40 S

Phase 1<sup>st</sup> quarter

W. H. Parker  
Lieut & Navigator.

LOG of the UNITED STATES

Steamer "Essex"

3d Rate, 6 Guns,

Making passage from Honolulu, H. I. to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Barometer.	TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.			
A. M.														
1	6	0	W 3/4 N. S.	S ENE	4	30.16	80	81	77	81	b0	Circum	6	All square sail except mainsail, all studdsails and port main topgall studds
2	6	2	"	"	11	30.17	80	81	77	81	"	"	8	"
3	6	0	"	"	4	30.16	80	81	77	81	"	"	8	"
4	6	0	"	"	11	30.15	80	81	77	81	"	"	8	"
5	5	5	"	"	3	30.17	80	80	75	81	"	Circum	8	"
6	6	0	"	"	11	30.19	80	80	76	81	"	"	8	"
7	5	5	"	"	3	30.20	80	80	75	81	"	"	6	"
8	5	0	"	"	3	30.20	80	80	75	81	"	"	7	"
9	5	5	"	"	3.11	30.21	81	81	75	81	"	Circum	7	"
10	6	0	"	"	4	30.21	81	82	75	81	"	"	9	"
11	5	5	"	"	3.11	30.19	81	82	76	81	"	Cir	9	"
Noon.	5	0	"	"	3	30.17	81	84	77	81	"	"	8	"

Distance run by Log since preceding Noon

131 knots 0 fathoms.

Latitude by D. R. at Noon

19° 50' 00" N

Longitude by D. R. at Noon

174° 45' 30" W

Latitude by Observations at Noon ☽

19° 57' 00" N

Longitude by Chronometer from Forenoon Observations ☽

174° 51' 00" W

Current during the time 0.7 knots fms. per hour, setting to the

W 40° W

92

Variation of the Compass by Amplitude ☽ observed at Sunrise

• "

Variation of the Compass by Azimuth ☽ observed at 8. A. M.

10° 00' 00" E

Water expended during the preceding 24 hours

350 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

750 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

119" 328 "

P. M.														
1	5	6	W 3/4 S	S ENE	11	30.10	81	85	78	81	b0	Cir	8	S Good wind port main topgall
2	5	6	"	"	11	30.10	81	85	78	81	"	Circum	7	stunsail.
3	5	6	"	"	11	30.10	81	82	76	81	"	"	6	"
4	5	6	"	"	11	30.10	81	82	75	81	"	"	6	"
5	6	2	"	"	11	30.09	82	82	76	81	"	"	7	"
6	6	0	"	"	11	30.09	82	82	76	81	"	"	6	Set port studds except fore topgall. Sust W in
7	6	0	"	S ENE	11	30.09	81	81	76	81	b0	Circum	6	fore topgall. Sust W in
8	6	2	"	"	11	30.10	81	81	76	81	b0	"	6	etc etc fore topgall stunsail
9	6	2	"	"	11	30.16	81	82	77	81	"	Circum	7	"
10	5	5	"	"	3.11	30.17	81	82	77	81	"	"	7	"
11	6	0	"	"	11	30.17	81	81	76	81	"	"	6	"
Mid.	5	0	"	"	3	30.18	80	81	78	81	b0	Circum	4	"

Longitude by Chronometer from Afternoon Observations ☽

174° 54' 30" W

Longitude by Chronometer from Observations \*

• "

Variation of the Compass by Amplitude observed at Sunset

• "

Variation of the Compass by ☽ observed at 19° 57' N 175° 26' W

10° 15' 00" E

under the command of

Commander A. H. M<sup>o</sup> Connicks

, U. S. Navy,

Sunday. July 15<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear, and pleasant. Moderate breeze from E.N.E. Smooth sea. Bright moonlight until 1.13 when the moon set, At 12.15 took in port topmast stunsail. Aneroid 29.96.

4 to 8 A.M. Weather clear, and pleasant. Gentle to moderate breeze from E.S.E. Barometer steady. Cumulus and cirro-cumulus clouds. Aneroid barometer 30.02.

8 A.M. to Meridian. Weather clear and warm. Moderate breeze from E.N.E. Smooth sea. Barometer steady. The Commanding Officer inspected the ship and crew at quarters at 9.15. Aneroid 29.99.

Meridian to 1 P.M. Generally clear and pleasant. Moderate breeze from E.N.E. Barometer steady. Aneroid 29.97. Smooth sea. At 2.30 took in port main top gallant Tunsail. Ship under all square sail and starboard stunsails. Course N. 34 S.

1 to 6 P.M. Clear and pleasant. Moderate breeze from E.N.E. Sea smooth, Aneroid 29.94.

6 to 8 P.M. Weather clear and pleasant. Moderate breeze from E by N. Light shower of rain in first part of watch. Barometer steady. Clouds cirro-cumulus and cumulo stratus. Aneroid barometer 29.91.

8 PM to Midnight. Weather generally clear and pleasant, passing showers. 1st hour of watch. Barometer steady. Aneroid 30.00.

Moon Liquid  
Dec 19 1867 8  
Phase 1<sup>st</sup> quarter

Examined and found to be correct.

W. J. Parker  
Lieut<sup>t</sup> Navigator.

## LOG of the UNITED STATES

Steamer "Essex"

3d Rate, 6 Guns,

Making passage from Honolulu, H. I. to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	6 4	21 3/4 S.	S by N.	4			30.14	80	81	78	81	bcp	circum	4	6	All square sail except
2	6 0	"	"	4			30.14	80	81	78	81	"	"	3	+	main sail, all studs
3	6 0	"	ESE.	4			30.12	80	80	78	81	bc	"	5	+	except for top gall-
4	5 8	"	"	3			30.10	80	80	78	81	"	"	7	+	Gone in stbd stunsail
5	4 6	"	"	3			30.10	80	80	78	81	bcp	circum	3	+	set jib.
6	4 6	"	"	3			30.11	81	81	79	81	bc	"	6	+	
7	5 11	"	"	3			30.12	81	81	79	81	"	"	8	+	Hauled down jib set
8	5 11	"	"	3			30.15	81	81	79	81	"	"	8	+	port fore topgall stunsail
9	5 0	"	"	3			30.20	82	82	76	81	"	circum	6	+	
10	5 0	"	"	3			30.20	82	83	77	81	"	"	7	+	
11	5 0	"	"	3			30.20	82	84	77	81	"	"	6	+	
Noon.	5 0	"	"	3			30.20	82	85	78	81	"	"	7	+	

Distance run by Log since preceding Noon

133 knots 7 fathoms.

Latitude by D. R. at Noon

19° 59' 34" N

Longitude by D. R. at Noon

177° 18' 00" W

Latitude by Observations at Noon ☽

19° 57' 28" N

Longitude by Chronometer from Forenoon Observations ☽

177° 07' 30" W

Current during the time 0.6 knots — fms. per hour, setting to the

S 60° E

Variation of the Compass by Amplitude ☽ observed at Sunrise

• "

91 Variation of the Compass by Azimuth ☽ observed at 8 A.M.

10° 45' 00" E

Water expended during the preceding 24 hours

300 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

150 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

119" 28 "

P. M.																	
1	5 0	21 1/2 S.	East	3			30.16	82	86	78	82	bc	circum	7	+		
2	4 8	"	"	3			30.15	82	84	78	82	"	"	5	+		
3	5 0	"	"	3			30.15	82	83	77	82	"	"	5	+		
4	Seizing ship	"	"	3			30.14	82	83	77	82	"	"	11	+	Taking all sail	
5	"	"	"	3			30.12	82	83	77	82	"	"	5	+	Set topsails and fore sail	
6	"	"	"	3			30.12	82	82	76	82	"	"	5	+	Set jib and spanker. Took in	
7	7 0	21 1/2 S.	ESE	11			30.14	82	82	76	82	"	"	6	+	all sail	
8	6 0	"	"	11			30.15	82	82	76	82	"	circum	6	+	Set all square sail &	
9	5 5	"	"	3			30.18	81	82	77	82	"	3 cum	8	+	other stunsails except	
10	6 0	"	"	11			30.20	81	82	77	82	"	"	6	+	main sail and fore	
11	5 5	"	"	11			30.20	81	82	77	82	"	"	6	+	topgall stunsail. Set	
Mid.	5 0	"	"	3			30.20	81	82	77	82	"	"	7	+	port stunsail except	
																fore topgall.	

Longitude by Chronometer from Afternoon Observations ☽

177° 07' 30" W

Longitude by Chronometer from Observations \*

• "

Variation of the Compass by Amplitude ☽ observed at Sunset

• "

Variation of the Compass by \* at

• "

under the command of

Commander A. H. M<sup>o</sup> Cormick

, U. S. Navy,

Monday. July 16<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Generally cloudy passing showers of rain first part. Moderate breeze from E by N. hauling to E.S.E. At 2 o'clock took in all the starboard stunsails and set the jib. Aneroid bar. 29.98.

W.W. Minn

Master

11 to 8 A.M. Clear and pleasant with the exception of light showers of rain at 5. Smooth sea. Light breeze from E.S.E. At 7. Hauled down jib and set port fore topgallant stunsail. Aneroid 30.01.

W.W. Minn - keep off first

8 A.M. to Meridian. Weather clear and pleasant. Gentle breeze from E.S.E. Barometer steady. Clouds cirrus, cumulus and cirro-cumulus. At 9.15 went to general quarters and exercised. Hoisted smokestacks. At noon started first into the two forward starboard boilers. Aneroid barometer 30.00.

Hal Ahney Lieut

Meridian to 4 P.M. Weather clear and warm. Gentle breeze from East. Smooth sea. Barometer falling. Shortened all sail at 3.15. On account of an accident in coupling up set topsails and foresail at 3.30 and commenced swinging ship under sail. Aneroid 29.95.

E. P. L. Lieut

4 to 6 P.M. Pleasant weather. Moderate breeze from E. Continued swinging ship. At 4.40 set spanker to assist in bringing ship to the wind. At 5.15 commenced steaming: took in topsails and spanker. Aneroid barometer 30.00.

W.W. Minn Master

6 to 8 P.M. Clear and pleasant. Moderate breeze from ENE. Sea smooth. At 7. set all port stunsails except port fore topgallant stunsail. At 6.25 called all hands and made all plain sail to royals and set all starboard stunsails. At 7. stopped steaming. Aneroid 29.99.

W.W. Minn - keep off

8 P.M. to Midnight. Clear and pleasant weather. Gentle to moderate breeze from ENE. Barometer steady. Cirrus and cirro-cumulus clouds. Fire banked, distilling water. Aneroid barometer 30.00.

Hal Ahney Lieut

Moon low mid Examined and found to be correct.

Dec 19° 44' 06" S

Phase 1<sup>st</sup> quarter

W. G. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

Steamer "Essex", 3d Rate, 6 Guns,

Making passage from Honolulu, H. I. to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	5 0	W 1/2 S	848	3			30.15	81	82	77	82	b0	cum	4	8	All square sail except
2	5 11	"	8 by N	3			30.15	81	81	76	82	"	circum	7	"	main sail, all stbd stuns
3	5 2	"	"	3			30.15	81	81	76	82	"	"	6	"	Set port stern sails
4	5 0	"	"	3			30.15	81	80	76	82	"	"	8	"	
5	5 2	"	"	3			30.12	81	80	76	82	"	"	8	"	
6	2 4	Swinging ship	"	3			30.12	81	80	76	82	"	"	6	"	
7	"	"	"	3			30.10	81	80	76	82	"	"	5	"	
19°59'	8	"	"	3			30.10	81	80	76	82	"	"	7	"	
178°33'	9	6 0	W 1/2 S.	3			30.12	82	82	76	82	"	"	6	"	All square sail except
10	5 2	"	"	3			30.13	82	82	76	82	"	"	6	"	mainail, all stbd stuns
11	5 0	"	"	3			30.14	83	83	78	82	"	"	7	"	
Noon.	5 6	"	"	3			30.15	84	85	79	82	"	"	6	,	
20°00'																

178°56' Distance run by Log since preceding Noon

100 knots 0 fathoms.

Latitude by D. R. at Noon

20° 01' 00" N

Longitude by D. R. at Noon

178° 53' 00" W

Latitude by Observations at Noon ☽

20° 01' 00" N

Longitude by Chronometer from Forenoon Observations ☽

178° 56' 00" W

Current during the time      knots      fms. per hour, setting to the

—

Variation of the Compass by Amplitude ☽ observed at Sunrise

— "

73 Variation of the Compass by Azimuth ☽ observed at 8. A. M.

10° 30' 00" E

Water expended during the preceding 24 hours

350 gallons.

Water distilled during the preceding 24 hours

2300 "

Water remaining on hand fit for use at Noon

2400 "

Coal consumed during the preceding 24 hours

6 tons 1460 lbs.

Coal remaining on hand at Noon

112 " 408 "

P. M.																	
1	5 0	W 1/4 S	848.	3			30.15	82	86	81	82	b0	cum & circum	6	8		
2	4 5	"	"	3			30.15	83	85	80	82	"	cir & circum	8	"		
3	4 5	"	"	3			30.13	82	84	77	82	"	"	7	"		
4	4 5	"	"	3			30.12	82	84	77	82	"	"	7	"		
5	4 5	"	"	3			30.12	82	83	77	82	"	"	6	"		
6	5 0	"	"	3			30.12	82	83	77	82	"	cir & cum	6	"		
7	5 2	"	"	3			30.11	82	82	76	82	"	"	6	"		
20°02'	8	5 0	"	3			30.17	82	82	76	82	"	"	8	"		
179°41'	9	4 6	"	3			30.18	82	83	77	82	"	circum	5	"		
10	5 0	"	"	3			30.18	83	83	77	82	"	"	5	"		
11	5 0	"	"	3			30.18	83	83	77	82	"	"	6	"		
20°03'	Mid.	5 2	"	3			30.18	83	82	77	82	"	"	7	"		
180°00'																	

Longitude by Chronometer from Afternoon Observations ☽

179° 00' 15" W

Longitude by Chronometer from Observations \*

• " "

Variation of the Compass by Amplitude observed at Sunset

• " "

Variation of the Compass by  $\alpha$  0 at  $20^{\circ}01'N 179^{\circ}20'W$ 

10° 30' 00" E

under the command of

Commander A. H. M<sup>c</sup> Connicks

, U. S. Navy,

Tuesday. July 17<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Weather clear and pleasant. Gentle breeze from E.N.E. Barometer steady. Set port stunsails at 1.45. Aneroid at end of watch 29.95. Distilling.

11 to 8 A.M. Pleasant weather. Moderate breeze from E by N. Barometer steady. At 5.10 spread firs, and took in all sail. At 5.30 stopped condensing and commenced to swing ship for deviation, continuing through remainder of watch. Aneroid barometer 30.00.

8 to Meridian. Clear and pleasant. Light breeze from E by N. Sea smooth. At 8.05 stopped swinging ship. Stood off on course, made all plain sail to royals except mainsail, spanker, jib and flying jib, and set all starboard stunsails. At 8.20 stopped steaming and hauled firs under two boilers and commenced distilling. At 9.15 mustered at quarters. Exercised 1<sup>st</sup> division at great guns, 2d and Powder at single sticks, and 3d at small arms. Aneroid 29.99. Distilling.

Meridian to 11 P.M. Clear and pleasant. Gentle breeze from E.N.E. Barometer falling. Cirrus, cumulus, and cirro-cumulus clouds. Firs banked. Distilling water. Aneroid barometer 29.95.

11 to 6 P.M. Weather clear, and warm. Gentle breeze from E.N.E. Barometer steady. Mustered at quarters at 11.45, and instructed divisions orally. At 11.50 called all hands shorten sail and exercised at shortening and making sail, and at furling light sails. Made all drawing sail at 5.20. Aneroid at end of watch 29.95. Stopped distilling at 5.00 and hauled firs.

6 to 8 P.M. Clear and pleasant, bright moonlight. Gentle breeze from E.N.E. Barometer rising. Aneroid barometer 29.97.

8 P.M. to Midnight. Clear, and pleasant, light breeze from E.N.E. Smooth sea. Ship rolling easily from 10° to 15°. Bright moonlight. Aneroid 29.99.

W.M. Brown Master  
Wm. W. Parker Navigator

Moon mid Examined and found to be correct.

Dec 19<sup>th</sup> of 29 8  
Phase 1<sup>st</sup> quarter-

W. W. Parker  
Lieut, Navigator.

## LOG of the UNITED STATES

Steamer "Essex"

3d Rate, 6 Guns,

Making passage from Honolulu, H. I. to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear sky, in 10ds.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	5 0	9 1/4 S	E N E.	3			30.16	81	81	76	82	b c	Circum	8	S	Symmetrical sail except main sail, all stbd stemsails
2	5 0	"	"	3			30.15	81	81	76	82	"	"	6	"	
3	5 0	"	"	3			30.15	81	81	76	82	"	"	6	"	
4	5 0	"	"	3			30.13	81	81	76	82	"	"	6	"	
5	4 8	"	"	3			30.13	81	81	76	82	"	"	8	"	
6	4 8	"	E b y A t	3			30.15	81	81	76	82	"	"	8	"	
7	4 6	"	"	3			30.16	82	81	76	82	"	"	6	"	Set all port stemsails
8	4 8	"	"	3			30.16	82	81	76	82	"	"	8	"	except for topgallants
9	5 0	"	"	3			30.12	82	82	77	82	"	"	8	"	Look in stbd fore topgallant stemsail
10	4 8	"	"	3			30.12	82	83	77	82	"	Circum	8	"	
11	5 0	"	"	3			30.12	82	83	77	82	"	"	6	"	
Noon.	5 0	"	"	3			30.12	82	83	77	82	"	"	6	"	

Distance run by Log since preceding Noon

117 knots 0 fathoms.

Latitude by D. R. at Noon

20° 04' 00" N

Longitude by D. R. at Noon

178° 57' 00" E

Latitude by Observations at Noon ☽

20° 14' 00" N

Longitude by Chronometer from Forenoon Observations ☽

178° 55' 00" E

Current during the time 0.41 knots — fms per hour, setting to the

N 11° 25'

1086 Variation of the Compass by Amplitude ☽ observed at Sunrise

— "

Variation of the Compass by Azimuth ☽ observed at 8 a. m.

10° 30' 00" E

Water expended during the preceding 24 hours

350 gallons.

Water distilled during the preceding 24 hours

850 "

Water remaining on hand fit for use at Noon

2900 "

Coal consumed during the preceding 24 hours

tons 1100 lbs.

Coal remaining on hand at Noon

112" 1108 "

P. M.																	
1	14 0	9 1/4 S	E b y A t	3			30.12	84	86	78	82	b o	Circum	7	8		
2	14 0	"	"	3			30.10	84	86	80	82	"	"	8	"		
3	14 0	"	"	3			30.09	84	86	80	82	"	"	6	"		
4	14 0	"	"	3			30.09	84	86	80	82	"	"	6	"		
5	14 0	"	"	3			30.11	82	85	81	82	"	Circum	7	"		
6	14 0	"	"	3			30.11	82	84	80	82	"	"	6	"		
7	3 8	"	"	3			30.11	82	83	77	82	"	"	6	"		
8	3 6	"	"	3			30.14	82	83	77	82	"	Circum	7	"		
9	4 0	"	"	3			30.14	82	83	76	82	"	"	7	"		
10	4 8	"	"	3			30.14	82	82	76	82	"	"	7	"		
11	4 4	"	"	3			30.15	82	82	76	82	"	"	8	"		
Mid.	4 6	"	"	3			30.15	82	82	76	82	"	"	8	"		

Longitude by Chronometer from Afternoon Observations ☽

178° 55' 10" E

Longitude by Chronometer from Observations \*

• • "

Variation of the Compass by Amplitude observed at Sunset

• • "

Variation of the Compass by at

• • "

under the command of

Commander A. H. M<sup>o</sup> Cormick

, U. S. Navy,

Thursday. July 19<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant weather. Gentle breeze from E. N. E. Barometer falling. Cirrus, and cirro-cumulus clouds. Having crossed the 180<sup>th</sup> meridian, find ourselves transferred from Tuesday to Thursday. Aneroid barometer 29.96.

*Karl Rohr R. Lieut*  
4 to 8 A.M. Weather clear and pleasant. Gentle breeze from E by N. Barometer rising. Set port stunsails except foretopgall. at 7.30. Aneroid at end of watch 29.99.

*Oskar Lieut*  
8 A.M. to Meridian. Clear and warm. Gentle breeze from E by N. Barometer steady. Took in starboard fore topgallant stunsail at 8.45. Went to quarters for inspection at 9.15, after which exercised 1<sup>st</sup> and 2d divisions and Marine guard with small arms. 3d division at single sticks and Powder division at Powder exercise. Preparing Gig and 2d Cutter for painting outside. Aneroid barometer 29.98.

*W. W. Brown Master*  
Meridian to 4 P.M. Generally clear and warm. Gentle breeze from E by N. Barometer falling slowly. Aneroid 29.94. Smooth sea. Ship under all square sail except mainsail with stunsails both sides. Course N 94 S.

*H. W. Brown Ensign*  
4 to 8 P.M. Weather clear and pleasant. Gentle breeze from E by N. Barometer steady. Bright moonlight after sunset. Aneroid 29.98.

*Oskar Lieut*  
4 to 6 P.M. Weather clear and pleasant. Gentle breeze from E by N. Barometer steady. Clouds cirrus, and cumulo-stratus. At 4.45 mustered at quarters, after which exercised royal and topgallant yard men at furling and loosing their sails. Aneroid barometer 29.96.

*Karl Rohr R. Lieut*  
8 P.M. to Midnight. Clear and pleasant, bright moonlight, Gentle breeze from E by N. Aneroid barometer 30.00.

*W. W. Brown Master*

Moon mid Examined and found to be correct.

Dec 17° 30' 41" S

Phase Full Moon

*W. J. Parker  
Lieut & Navigator.*

## LOG of the UNITED STATES

*Steamer "Essia"*, 3d Rate, 6 Guns,  
Making passage from Honolulu, H. I. to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	4	8	W 3/4 S.	E x N	3		30.16	83	83	77	82	b.c	cirrus	8	6	All square sail ex-
2	4	8	"	"	3		30.16	83	83	77	82	"	"	8	"	Capt mainsail and
3	4	8	"	"	3		30.11	83	83	77	82	"	"	8	"	sts & stemsails
4	5	0	"	"	3		30.14	83	83	77	82	"	"	7	"	
5	5	0	"	E N E.	3		30.15	81	81	76	82	"	cirrus	8	"	
6	5	0	"	"	3		30.18	81	81	76	82	"	"	8	"	
7	5	2	"	"	3		30.19	82	81	76	82	"	"	8	"	
8	6	5	"	"	3		30.19	82	82	77	82	"	"	6	"	
9	6	11	"	"	14		30.20	82	83	77	82	"	cirrus	8	"	
10	5	6	"	"	3-11		30.20	82	84	78	82	"	"	6	"	
11	5	4	"	"	3-4		30.20	82	85	77	82	"	"	8	"	
Noon.	5	5	"	"	3-4		30.20	82	86	79	82	"	"	8	"	

Distance run by Log since preceding Noon

112 knots 3 fathoms.

Latitude by D. R. at Noon

20° 17' 00" N

Longitude by D. R. at Noon

176° 56' 00" E

Latitude by Observations at Noon ☽

20° 18' 50" N

Longitude by Chronometer from Forenoon Observations ☽

177° 00' 00" E

Current during the time      knots      fms. per hour, setting to the

1086 Variation of the Compass by Amplitude ☽ observed at Sunrise

~ " "

Variation of the Compass by Azimuth ☽ observed at 8 A. M.

10° 30' E

Water expended during the preceding 24 hours

350 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2550 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

112 " 108 "

P. M.	2	5	W 3/4 S.													
1	3	0	W 1/4 S.	E N E	11		30.15	83	87	79	82	b.c	cirrus	8	8	
2	5	2	"	"	11		30.13	83	87	79	82	"	"	8	"	
3	5	2	"	"	11		30.10	83	87	79	82	"	"	6	"	
4	5	6	"	"	11		30.10	83	87	79	82	"	"	6	"	
5	6	0	"	"	11		30.10	83	87	79	82	"	"	6	"	
6	5	0	"	"	11		30.10	84	85	79	82	"	"	6	"	
7	6	0	"	"	11		30.12	84	85	79	82	"	cirrus	7	"	
8	6	0	"	"	11		30.12	84	85	79	82	"	"	6	"	
9	6	0	"	"	11		30.15	83	83	78	82	"	cirrus	8	"	
10	6	0	"	"	11		30.16	82	83	78	82	b.c.	"	7	"	
11	6	0	"	"	11		30.17	82	83	78	82	b.c.	cirrus	8	"	
Mid.	6	4	"	"	11		30.17	82	83	78	82	"	"	8	"	

Longitude by Chronometer from Afternoon Observations ☽

176° 54' 00" E

Longitude by Chronometer from Observations \*

" " "

Variation of the Compass by Amplitude    observed at Sunset

" " "

Variation of the Compass by                          at

" " "

under the command of Commander A. H. M<sup>o</sup> Cormick, U. S. Navy,  
Friday July 20th, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Light breeze from E by N. Smooth sea. Bright moonlight. Aneroid 29.96.

4 to 8 A.M. Clear and pleasant. Gentle breeze from E.N.E. Barometer rising. Cumulus and cumulo-stratus clouds. Broke out hold and cleaned bilge. Aneroid barometer 30.01. Threw overboard five four pound cans of beef and three two pound cans of tomatoes, all of which were spoiled and were condemned to be thrown overboard by the quarterly board.

8 A.M. to Meridian. Weather clear and warm. Moderate to gentle breeze from E.N.E. Barometer steady. Mustered at quarters at 9.15. Exercised signal class. Restored hold. Aneroid 29.98.

Meridian to 11 P.M. Clear and pleasant. Moderate breeze from ENE. Barometer falling. Aneroid 29.94. Smooth sea. At 12.20 changed course from W 3/4 S to W 1/2 S. Ship under all square sail except main sail with starboard stunsails. Issued clothing to crew.

1 to 6 P.M. Clear and warm. Moderate breeze from ENE. Smooth sea. At 4.45 went to fire quarters, and started water through hose. At 4.50 called "All-hands shorten sail" and exercised opening topsails and loosing, and furling light sails. Aneroid 29.94.

6 to 8 P.M. Weather clear and pleasant. Moderate breeze from ENE. Barometer steady. Clouds cumulus, stratus and cirro-cumulus. Aneroid barometer 29.95.

8 P.M. to Midnight. Weather clear and pleasant. Bright moonlight. Moderate breeze from ENE. Barometer rising. Exercised at night fire quarters at 7.30. Aneroid at end of watch 29.98.

Moon 1. nidi Examined and found to be correct.  
Dec 94° 52' 18" S  
Phase Full Moon

W. H. Parker  
Lieut, Navigator.

## LOG of the UNITED STATES

*Steamer Essex*, 3d Rate, 6 Guns,  
Making passage from Honolulu, H. I. to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	6	11	W 1/4 S	80 N E	11		30.17	82	83	78	82	bc	circum	8	S	All square sail except mainail, all stbd
2	6	0	"	"	11		30.13	82	81	78	82	"	"	8	"	sternsails
3	5	6	"	"	3		30.12	82	81	78	82	"	"	8	"	
4	6	0	"	"	11		30.12	82	81	78	82	"	"	8	"	
5	6	2	"	"	4		30.12	82	81	78	82	"	"	6	"	
6	6	2	"	"	11		30.12	82	81	78	82	"	"	7	"	
20°37'																
173°00'	7	6	0	"	11		30.12	82	82	78	82	"	circum	4	"	
20°38'	8	6	0	"	11		30.14	82	82	78	82	bcp	"	5	"	
174°46'	9	5	5	"	11		30.18	81	81	76	82	bc	circum	5	"	
	10	5	5	"	4		30.19	81	82	77	82	"	"	8	"	
	11	5	5	"	11		30.19	81	83	77	82	"	"	8	"	
Noon.	6	5	"	"	4		30.19	82	84	78	82	"	"	8	"	

Distance run by Log since preceding Noon

139 knots 5 fathoms.

Latitude by D. R. at Noon

20° 37' 06" N

Longitude by D. R. at Noon

174° 28' 00" E

Latitude by Observations at Noon ☽

20° 41' 21" N

Longitude by Chronometer from Forenoon Observations ☽

174° 21' 30" E

Current during the time 6.3 knots — fms. per hour, setting to the

N 65° W

1085 Variation of the Compass by Amplitude ☽ observed at Sunrise

• " "

Variation of the Compass by Azimuth ☽ observed at 8 A. M.

11° 00' 00" E

Water expended during the preceding 24 hours

325 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2325 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

111 " 2048 "

P. M.																	
1	6	0	W 1/4 S	40	5		30.13	82	84	78	82	bc	circum	9	8		
2	6	8	"	"	5		30.11	82	83	77	82	"	"	8	"		
3	6	5	"	"	5		30.11	82	83	77	82	"	"	8	"		
4	6	0	"	"	5		30.10	82	83	77	82	"	"	8	"		
5	5	11	"	"	11		30.10	82	83	77	82	"	"	5	"	Set port sternsails	
6	6	0	"	"	11		30.09	82	82	77	82	"	"	5	"		
7	6	0	"	80 N E	11		30.09	82	82	77	82	"	"	5	"		
20°48'	8	6	0	"	11		30.08	82	82	77	82	"	"	6	"		
173°29'	9	5	5	"	11		30.11	82	82	77	82	"	"	9	"		
	10	5	5	"	11		30.12	82	82	77	82	"	"	9	"		
	11	5	5	"	11		30.12	82	82	77	82	"	circum	6	"		
Mid.	5	5	"	"	11		30.12	82	82	77	82	"	"	6	"		

Longitude by Chronometer from Afternoon Observations ☽

174° 20' 00" E

Longitude by Chronometer from Observations \*

• " "

Variation of the Compass by Amplitude observed at Sunset

• " "

Variation of the Compass by at

• " "

under the command of

Commander A. H. M<sup>o</sup> Connick, U. S. Navy,  
Saturday, July 1st, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Clear and pleasant, bright moon-light. Moderate breeze from E.N.E. Barometer falling. Aneroid barometer 29.96.

W.M. Irvin Master

11 to 8 A.M. Clear and pleasant greater part of watch, with light showers of rain last hour of watch. Smooth sea. Aneroid 29.98.

8 A.M. to Meridian. Weather clear and pleasant. Moderate breeze from E.N.E. Barometer steady. Clouds cirrus, and cirro-cumulus. Aneroid barometer 29.98.

Hal Wherry Lieut

Meridian to 4 P.M. Clear pleasant weather. Stiff breeze from N.E. Barometer falling slowly. Aneroid 29.93. Smooth sea. Course W $\frac{1}{4}$ S. Ship under all square sail except mainail, with starboard staysails.

W.M. Irvin Ensign

4 to 6 P.M. Pleasant weather. Moderate breeze from E $\frac{1}{4}$ E with light passing squalls. At 4.45 mustered at quarters. At 5.00 set all port staysails. Aneroid barometer 29.93.

W.M. Irvin Master

6 to 8 P.M. Clear and pleasant. Moderate breeze from E $\frac{1}{4}$ E. Smooth sea. At 7.10 moon arose. Aneroid 29.94. At 8.30 took in all port staysails.

Wainwright-Keeoge

Lieut

8 P.M. to Midnight. Weather clear and pleasant. Moderate breeze from E.N.E. Barometer steady. Aneroid barometer 29.96.

Hal Wherry Lieut

Moon mid Examined and found to be correct.

Dec 11° 12' 13" S

Phase Full Moon

W. H. Parker  
Lieut Navigator.

## LOG of the UNITED STATES

*Steamer Essex*, 3d Rate, 6 Guns,  
Making passage from Honolulu, H. I. to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	6	0	W 1/2 S	E N E	5		30.11	82	82	77	82	b c	circum	8	8	All square sail except
2	6	11	"	"	5		30.11	82	81	76	82	"	"	5	"	mainsail all stbd stunsails
3	6	0	"	N E	5		30.10	82	81	76	82	"	"	8	"	
4	6	0	"	"	5		30.10	81	81	76	82	"	"	7	"	
5	6	0	"	"	4		30.08	81	81	76	82	"	"	5	"	
6	5	6	"	"	4		30.08	81	81	76	82	"	"	5	"	
7	5	6	"	E N E	4		30.08	81	81	76	82	"	"	6	"	
8	6	0	"	"	4		30.10	81	81	76	82	b c p.	"	6	"	
9	5	0	"	"	4		30.10	83	83	78	82	b c	"	6	"	
10	5	0	"	E S E	4		30.10	84	84	78	82	"	"	7	"	Foot in stbd stunsails
11	6	2	"	E N E	4		30.08	84	86	79	82	"	"	7	"	Set stbd stunsails
Noon.	6	0	"	"	4		30.08	84	86	79	82	"	"	7	9	

Distance run by Log since preceding Noon

139 knots 5 fathoms.

Latitude by D. R. at Noon

20° 55' 57" N

Longitude by D. R. at Noon

171° 53' 00" E

Latitude by Observations at Noon ☽

20° 52' 45" N

Longitude by Chronometer from Forenoon Observations ☽

171° 42' 00" E

Current during the time 0.48 knots — fms. per hour, setting to the

880° W

1085 Variation of the Compass by Amplitude ☽ observed at Sunrise

• — "

Variation of the Compass by Azimuth ☽ observed at 8 a. m.

10° 00' 00" E

Water expended during the preceding 24 hours

325 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1900 "

Coal consumed during the preceding 24 hours

tons 200 lbs.

Coal remaining on hand at Noon

111 " 1748 "

P. M.	2	8	W 1/2 S													
1	2	8	West	E N N	4		30.10	83	87	79	83	b c	circum	5	8	
2	5	5	"	"	4		30.08	83	84	78	83	b c p.	"	6	"	
3	6	0	"	East	5		30.08	83	84	78	83	"	"	5	"	
4	6	0	"	"	5		30.08	83	84	78	83	b c	circum	6	"	
5	6	0	W 1/2 N.	"	5		30.07	83	84	78	83	"	"	6	"	
6	6	0	"	"	4		30.07	83	83	77	83	"	"	6	"	
7	5	8	"	"	4		30.07	83	83	77	83	"	"	8	"	
8	6	0	"	"	5		30.07	83	83	76	83	"	"	8	"	
9	7	0	"	"	5		30.07	83	83	76	83	"	"	8	"	
10	7	4	"	"	5-6		30.08	83	83	76	83	"	"	8	L	
11	7	4	"	"	5-6		30.09	83	83	76	83	b d l	"	F	"	
Mid.	7	4	"	"	5-6		30.09	83	83	76	83	b c	cir	9	"	

Longitude by Chronometer from Afternoon Observations ☽

171° 40' 00" E

Longitude by Chronometer from Observations \*

• " "

Variation of the Compass by Amplitude observed at Sunset

• " "

Variation of the Compass by at

• " "

under the command of

Commander A. H. McCormick

, U. S. Navy,

Sunday. July 23d

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather clear and pleasant, Bright moonlight, Barometer steady. Aneroid 29.94.

4 to 8 A.M. Cloudy and cool, light passing showers last hour. Moderate breeze from N.E. hauling to ENE. Aneroid barometer 29.94.

8 A.M. to Meridian. Clear and pleasant with light showers of rain at 8.15. Smooth sea. Moderate variable breeze from ESE to E by N. At 9.15 mustered at quarters. Commanding Officer inspected ship and crew. At 10. Took in all starboard stunsails and at 10.30 set them again. At 12. set port topgallant and topmast stunsails. Aneroid 29.94.

Meridian to 11 P.M. Cloudy and pleasant with light passing rain showers. Barometer falling. Aneroid 29.88. Smooth sea. Moderate to stiff breeze from E by N and East. At 12.30 changed course to West. At 2.00 took in port topmast and topgallant stunsails. At 1.00 changed course to N by N.

4 to 6 P.M. Weather clear and pleasant. Moderate breeze from E, Barometer steady. Set port lower and fore topmast stunsails at 4.30. Aneroid at end of watch 29.89.

6 to 8 P.M. Pleasant weather. Moderate breeze from East. At 7.30 took in all port stunsails. Aneroid barometer 29.91.

8 P.M. to Midnight. Clear and pleasant. Moderate to fresh breeze from E by E. Smooth sea. Moon arose at 9.45. Occasional light flashes of lightning to N and W at 11.00. Aneroid 29.91

Warming the Keel

Now Long Examined and found to be correct.

Dec. 7° 11' 48" S'

Phase Full Moon

W. S. Parker  
Navigator.

## LOG of the UNITED STATES

*Steamer "Essex"*, 3d Rate, 6 Guns,  
Making passage from Honolulu, H. I. to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	7	0	N. N. W.	NE	5		30.09	83	82	76	83	bc	Cumulus	6	6	All square sail and
2	6	5	"	"	5		30.09	82	82	76	83	"	"	6	6	etc etc mainsails except
3	7	0	"	"	5		30.09	82	82	76	83	"	"	8	8	mainsail.
4	6	5	"	"	5		30.09	82	82	76	83	"	"	7	7	
5	6	14	"	"	5		30.08	82	81	75	83	"	Cirrus	8	8	
6	7	0	"	N. E. by E.	5		30.08	82	81	75	83	"	"	8	8	
7	7	0	"	"	5		30.08	83	81	75	83	"	"	7	7	
8	6	2	"	"	5		30.08	83	81	75	83	"	"	9	9	
9	6	0	"	"	11		30.08	83	81	76	83	"	"	8	8	
10	6	0	"	"	11		30.06	83	82	76	83	"	"	8	8	
11	6	0	"	"	11		30.06	83	82	76	83	"	"	7	7	
Noon.	6	4	"	"	5		30.05	83	82	76	83	"	"	6	6	

Distance run by Log since preceding Noon

154 knots 1 fathoms.

Latitude by D. R. at Noon

21° 27' 51" N

Longitude by D. R. at Noon

169° 00' 00" E

Latitude by Observations at Noon ☺

21° 24' 12" N

Longitude by Chronometer from Forenoon Observations ☺

168° 59' 30" E

Current during the time      knots      fms. per hour, setting to the

1084

Variation of the Compass by Amplitude ☺ observed at Sunrise

— "

Variation of the Compass by Azimuth ☺ observed at S. A. In.

9° 00' 00" E

Water expended during the preceding 24 hours

300 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1600 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

111 " 1148 "

P. M.																	
1	6	0	N. N. W.	NE	5		30.06	83	84	77	83	bc	Cirrus	7	8		
2	7	0	"	"	6		30.05	82	84	77	83	"	"	7	1		
3	6	0	"	"	5		30.02	83	84	77	83	"	"	7	1		
4	6	0	"	"	5		29.99	83	84	77	83	"	"	7	1		
5	11	5	"	NE	3		30.01	81	84	76	83	"	Cumulus	5	1		
6	11	0	"	"	3		30.01	81	81	76	83	"	"	6	1		
7	3	0	N. S. W.	East	2		30.01	81	81	76	83	bc	Cumulus	11	1		
8	3	0	N. N. W.	"	2		30.01	81	80	76	83	bc	"	7	1		
9	3	6	"	NE	3		30.00	81	80	75	83	bc	Cirrus	8	1		
10	3	6	"	"	3		30.03	81	80	75	83	"	"	7	1		
11	3	0	"	"	2		30.05	81	80	75	83	"	"	7	1		
Mid.	2	5	"	East	1		30.07	81	80	78	83	"	"	8	1		

Longitude by Chronometer from Afternoon Observations ☺

168° 59' 10" E

Longitude by Chronometer from Observations \*

• • "

Variation of the Compass by Amplitude      observed at Sunset

• • "

Variation of the Compass by      at

• • "

under the command of

Commander A. H. M<sup>o</sup> Cormick

, U. S. Navy,

Monday. July 23d

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 1 A.M. Weather clear and pleasant, Fresh breeze from E.N.E. Barometer steady. Aneroid barometer 29.90.

11 to 8 A.M. Weather clear and pleasant, Moderate breeze from N.E. by E. Smooth sea. Barometer steady. Aneroid at end of watch 29.92.

8 A.M. to Meridian. Clear and warm. Moderate breeze from N.E. by E. Went to quarters for inspection at 9.30: exercised 1st, 3d, Powder division and Marine guard at small arms, and 2d division at single sticks. By order of Commanding Officer. William Simpson (O.S.) was given six hours extra duty for being out of uniform. Crews of 1<sup>o</sup> and 2<sup>o</sup> Whale boats getting their boats ready for painting. Aneroid barometer 29.92.

Meridian to 11 P.M. Weather clear and pleasant, Stiff to fresh breeze from N.E. by E. Barometer falling. Aneroid 29.86. Long sea, Ship under all square sail except mainsail with starboard stunsails.

11 to 6 P.M. Weather clear and pleasant, Barometer steady. Gentle breeze from N.E. At 11.45 mustered at quarters and gave all divisions oral instruction. Aneroid barometer 29.86.

6 to 8 P.M. Weather unsettled and squally. Wind variable and fitful. Barometer steady. Run the ship off to a squall at 6.00. Took in starboard stunsails and set jib. Aneroid at end of watch 29.98.

8 P.M. to Midnight, Pleasant weather, bright moonlight latter part. Very light breeze from E.N.E. hauling to East, Aneroid barometer 29.90.

W.W. Dunning Master

Moon high Examined and found to be correct.

Dec 2° 28' 47" S  
Phase Full Moon

W. J. & Parker  
Lieut 3 Navigator.

## LOG of the UNITED STATES

Steamer "Essix", 3d Rate, 6 Guns,  
Making passage from Honolulu, H. I. to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	2	0	W 1/4 N.	East	1		30.07	82	81	77	83	bcp	cirrus	11	S.	All square sail except main sail, jib and starboard stunsails
2	3	0	-	S.E.	2		30.05	82	81	77	83	bcp	"	3	"	
3	3	0	-	-	2		30.03	81	80	77	83	bc	cirrus	7	"	
4	2	0	-	-	2		30.01	81	80	77	83	"	"	5	"	Isokin stunsails
5	1	0	NW 1/4 N.	W 8 1/4 N.	1		30.01	80	80	75	83	"	cirrus	11	"	Plowed up foresail
6	2	0	W 1/4 N.	S 8 1/4 N.	2		30.03	81	80	75	83	"	"	5	"	Set foresail
7	3	0	-	S 8 1/4 S	2		30.05	84	80	75	83	"	cirrus	14	"	Set fore top stay l.
8	2	0	-	-	2		30.05	83	81	74	83	"	"	5	"	flying jib and main topsail.
9	3	11	W 1/2 N.	S 8 1/2 N.	3	1/2	30.05	82	81	74	83	"	"	5	"	
10	3	6	-	-	3	1/2	30.01	82	82	75	83	"	"	7	"	
11	3	2	-	-	2	1/2	30.01	82	82	75	83	"	"	6	"	
Noon.	3	0	-	-	2	1/2	30.06	82	82	75	83	"	"	5	"	

Distance run by Log since preceding Noon

85 knots 4 fathoms.

Latitude by D. R. at Noon

21° 48' 00" N

Longitude by D. R. at Noon

167° 32' 15" E

Latitude by Observations at Noon ◎

21° 36' 26" N

Longitude by Chronometer from Forenoon Observations ◎

167° 32' 45" E

Current during the time .5 knots — fms. per hour, setting to the

South -

1084

Variation of the Compass by Amplitude ◎ observed at Sunrise

- " "

Variation of the Compass by Azimuth ◎ observed at 8. A. M.

8° 45' 00" E

Water expended during the preceding 24 hours

850 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1050 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

111 " 1148 "

P. M.																	
1	2	0	W 1/2 N.	S 8 1/2 N.	1		30.02	83	83	76	83	bc	cumulus	11	S		
2	2	0	-	-	1		30.02	83	83	76	83	"	"	11	"		
3	3	0	-	-	2		30.02	83	83	76	83	"	"	11	"		
4	2	5	-	-	2		30.02	83	83	76	83	"	"	11	"		
5	3	0	-	S 8.	2		30.00	84	84	76	83	"	cirrus	11	"		
6	3	0	-	-	2		30.00	84	84	76	83	"	"	3	"		
7	3	5	-	S 8 1/2	2		30.01	84	84	76	83	"	cirrus	3	"		
8	11	0	-	-	2		30.03	84	84	76	83	"	cirrus	6	"		
9	11	0	-	-	3		30.06	80	80	77	84	"	"	8	"		
10	11	0	-	-	3		30.06	83	83	77	84	"	"	6	"		
11	4	5	-	-	3		30.06	83	83	77	84	"	cumulus	11	"		
Mid.	5	5	-	S 8 1/2	4		30.05	83	83	77	84	"	"	6	"		

Longitude by Chronometer from Afternoon Observations ◎

167° 28' 00" E

Longitude by Chronometer from Observations \*

" "

Variation of the Compass by Amplitude observed at Sunset

" "

Variation of the Compass by at

" "

Set all port stunsails except lower and bailed up to yeail

under the command of

Commander A. H. M<sup>o</sup>Comick<sup>s</sup>

, U. S. Navy,

Tuesday. July 24<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy greater part of watch with occasional breaks and bright moonlight. Wind variable in force and direction, hauling from East to South with light squalls, and showers of rain. Lightning and thunder during watch. At 1.00 took in all port stunsails. Aneroid 29.86.

Waining the Keen

4 to 8 A.M. Weather clear and pleasant. Light breeze from N S<sup>W</sup> to S<sup>E</sup> by S. Barometer rising. Draced sharp upon port tack, and set fore topmast staysail, flying jib, and main try sail. Aneroid barometer 29.92.

7 AM to 10 AM. Weather clear

8 A.M. to Meridian. Weather clear and warm. Light airs from S<sup>E</sup> and W<sup>N</sup>. Barometer steady. Exercised at general quarters at 9.15. Aneroid at end of watch 29.89.

Meridian to 11 PM. Cloudy and pleasant. Light airs, and breezes from S by W. Barometer steady. Aneroid 29.86. Ship under all sail except mainsail, and spanker. Course N 1/2 E. Smooth sea.

11 PM to 12 M. Ensign

4 to 6 PM. Clear and warm. Light breeze hauling from South to South-East at end of watch. Smooth sea. At 4.30 set port topmast and topgallant stunsails. At 4.45 mustered at quarters. At 5.00 called all hands and exercised, at ruffing topsails, and making sail. Aneroid 29.87.

Waining the Keen

6 to 8. PM. Weather clear and pleasant. Light breeze from S E. Barometer steady. Clouds cirrus, coro-cumulus and cumulo-cirratus. Aneroid barometer 29.89.

8 PM to Midnight. Weather clear and pleasant. Moderate breeze from S<sup>E</sup> and E<sup>D</sup>. Bright moonlight latter part of watch. Beat to quarters at 11.00. Divisions cast loose, as follows. 1st. 3 min, 2d. 3 min, 3d 2 min 30 sec. Powder 40<sup>cc</sup>, Marries 1 min 20 sec. Engineers 1 min 25 sec, and Navigators 1 min 05 sec. Fired 60 pdr. 3 min 40 sec, 8 in 1 min 20 sec, No 1. 6 min 20 sec, No 2. 1 min 30 sec. secured in 1 min. Expended in Ord. Dept, 25 lbs hexagonal powder, 20 lbs of cannon powder, 8 lbs rifle powder, 1 short shell, 8 in, 5". 2 1/2 in. 5" and 1 1/2 pdr. rifle shell. Aneroid 29.86.

Carl Robison Lieut-

C. Mason  
Lieut-

Moon ~~mid~~ Examined and found to be correct.

Dec. 2° 18' 21" N

Phase Full Moon

W. H. Parker  
Lieut, Navigator.

LOG of the UNITED STATES Steamer *Essex*, 3d Rate, 6 Guns,  
Making passage from Honolulu H.S. to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	5 6	W 1/2 N	SS E	1			30.01	82	82	76	83	b c	cir. cirum	4	S	All plain sail ex
2	6 0	-	S + E	1			30.02	82	82	76	83	"	"	4	"	Sept sparker staysail
3	6 0	-	"	1			30.02	82	82	76	83	"	"	3	"	All port stunsails
4	6 0	-	SS E.	1			30.02	82	82	76	83	"	"	2	"	gaff lowered.
5	5 0	-	-	1			30.03	82	82	76	84	"	"	2	"	Set main staysail
6	5 0	-	-	1			30.03	82	82	76	84	"	"	3	"	
7	5 0	-	-	1			30.04	82	82	76	84	"	"	4	"	
8	5 0	-	-	1			30.04	83	83	76	84	"	"	4	"	
9	4 5	-	South	3			30.08	84	84	78	84	"	cir. cirum	2	"	Took in port stunsails
10	1 5	S W	W 8 N	2			30.10	83	83	77	84	"	"	3	"	
11	1 5	N W + N.	S 8 N + N.	2			30.08	84	83	77	84	"	cir. cirum Cumulon.	3	"	
Noon.	4 0	W 1/2 N.	South	3			30.07	84	83	77	84	"	"	4	"	

Distance run by Log since preceding Noon

97 knots 2 fathoms.

Latitude by D. R. at Noon

21° 09' 30" N

Longitude by D. R. at Noon

165° 47' 00" E

Latitude by Observations at Noon ☽

22° 06' 11" N

Longitude by Chronometer from Forenoon Observations ☽

165° 53' 00" E

1084 Current during the time      knots      fms. per hour, setting to the

— — "

Variation of the Compass by Amplitude ☽ observed at Sunrise

— — "

Variation of the Compass by Azimuth ☽ observed at 6 A.M.

8° 30' 00" E

Water expended during the preceding 24 hours

380 gallons.

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

900 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

111 " 848 "

P. M.																	
1	4 0	W 1/2 N	South	3			30.07	84	84	77	84	b c	cir. cirum	3	S		
2	4 2	"	"	3			30.05	84	84	77	84	"	"	4	"	Set port topgall. and	
3	2 5	"	"	3			30.05	84	84	77	84	"	"	4	"	topmast stunsail	
4	3 0	"	"	2			30.03	84	84	78	84	"	"	4	"		
5	2 0	"	"	1			30.01	84	84	78	84	"	cumulon	4	"		
6	2 0	"	"	1			30.01	84	84	78	84	"	"	4	"		
7	2 0	"	SS E.	1			30.04	84	84	78	84	"	cirrus	5	"		
8	1 0	"	"	2			30.05	84	84	78	84	"	"	5	"	Took in stunsails and	
9	0 0	"	S E.	2			30.08	84	83	78	84	b c l	Cumulon.	5	"	main staysail	
10	1 0	"	SS E	2			30.10	83	82	78	84	"	"	4	"		
11	1 0	North	Starb.	0 11			30.10	83	82	78	84	b c g f l	"	2	"		
Mid.	5 0	W 1/2 N.	SS E	4 5			30.08	80	79	76	84	b c p q l	cumulon	0	"		

Longitude by Chronometer from Afternoon Observations ☽

165° 46' 33" E

Longitude by Chronometer from Observations \*

" " "

Variation of the Compass by Amplitude      observed at Sunset

" " "

Variation of the Compass by      at

" " "

under the command of Commander A. H. M<sup>o</sup> Cormick

, U. S. Navy,

Wednesday, July 25<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences, and until 4 A.M. Partly cloudy. Bright moonlight greater part of watch. Moderate breeze from ESE. halving to S by E. and slightly freshening. Aneroid barometer 29.88.

W.W. Dunn Master

4 to 8 A.M. Clear pleasant. Light breeze from SSE. Smooth sea. An- eroid 29.90.

Wainwright-Keevy

8 A.M. to Meridian. Weather pleasant. Breeze light to gentle in force, varying in direction from W to S. Jacked ship twice between 9 and 10 to a shift of wind. Barometer steady. Cumulus, nimbus and cumulo-nimbus clouds. At 9.50 mustered and inspected crew at quarters. Aneroid bar. 29.90.

Hail Whaler Lieut

Meridian to 1 P.M. Generally overcast and cloudy. Gentle to light breeze from South. Barometer falling. Aneroid 29.89. At 1.15 set port topgallant and topmast staysail. Course N 1/2 W. Placed John R. Coban, Os in confinement for five days on bread, and water for insubordination to Officer of Deck.

F.O. Dunn Ensign

4 to 6 P.M. Cloudy and threatening rain. Light breeze from south. Went to quarters, at 4.45. Aneroid barometer 29.98.

W.W. Dunn Master

6 to 8 P.M. Clear and pleasant. Light breeze from SSE. Smooth sea. At 7.45 took in all port staysails. Aneroid 29.90.

Wainwright-Keevy Lieut

8 P.M. to Midnight. Weather pleasant in first half of watch, but equally cold and wet in latter half. Barometer steady. Cumulus and nimbus clouds. Aneroid barometer 29.91.

Hail Whaler Lieut

Moon 1/2 mid Examined and found to be correct.

Dec 7°.01.15 N

Phase Full Moon

W.H. Parker  
Lieut. Navigator.

LOG of the UNITED STATES

*Steamer Essex*, 3d Rate, 6 Guns,  
Making passage from Honolulu, H.I. to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	1 0	W N	SE	1	30.06	80	79	76	84	ocp of numb	0	S	All square sail ex-			
2	1 0	"	"	1	30.06	81	80	77	84	oc	"	0	"	cept mainsail. all		
3	3 0	"	SE	2	30.05	81	80	77	84	"	"	0	"	headsails.		
4	3 8	"	SE	3	30.05	82	81	78	84	bc	cumul	2	"			
22°24'																
165°00' 5	11 0	"	"	3	30.03	82	81	78	84	bcp	"	4	"			
6	3 6	"	"	3	30.03	82	81	78	84	"	"	2	"			
7	11 0	"	"	3	30.01	82	81	78	84	bc	Circum	4	"			
22°35' 8	14 0	"	"	3	30.01	82	81	78	84	"	"	4	"			
164°49' 9	14 5	"	"	3	30.03	81	83	78	84	"	"	4	"			
10	14 0	"	"	3	30.04	84	84	78	84	"	"	5	"			
11	14 0	"	"	3	30.04	85	85	78	84	"	"	5	"			
Noon.	4 0	"	"	3	30.03	88	85	78	84	"	"	8	"			

Distance run by Log since preceding Noon

74 knots 6 fathoms.

Latitude by D. R. at Noon

22°23' 11" N

Longitude by D. R. at Noon

164°31' 30" E

Latitude by Observations at Noon ☽

22°38' 12" N

Longitude by Chronometer from Forenoon Observations ☽

164°31' 00" E

Current during the time 0.62 knots — fms. per hour, setting to the

N

1083 Variation of the Compass by Amplitude ☽ observed at Sunrise

"

Variation of the Compass by Azimuth ☽ observed at 8 A.M.

8°00' 00" E

Water expended during the preceding 24 hours

350 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

550 "

Coal consumed during the preceding 24 hours

tons 1900 lbs.

Coal remaining on hand at Noon

110 " 1188 "

P. M.																	
1	3 5	W N	SE	2	30.03	83	84	78	85	bc	circum	11	S				
2	14 0	"	"	2	30.02	83	83	77	85	"	"	1	"	Took in all sail			
3	Spinning at Target	"	"	2	30.01	84	84	79	85	"	"	5	"				
4	in cleaning about it	"	"	2	30.00	84	84	79	85	"	"	11	"				
5	Spinning at Target	"	"	2	30.01	83	81	77	85	bcp	"	3	"				
6	1 0	"	SE	3	30.01	82	81	77	85	bc	"	1	"				
7	3 0	"	East	2	30.01	81	81	77	85	"	"	3	"	Made plain sail to royals			
8	5 0	"	"	11	30.03	81	81	78	80	"	"	11	"	except main sail and all			
9	4 8	"	"	3	30.02	81	81	78	85	"	"	5	"	Ran stunsails except lower			
10	5 1	"	SE	11	30.04	82	82	78	85	"	"	3	"				
11	6 0	"	"	11	30.04	82	82	78	85	"	"	1	"				
Mid.	6 6	"	"	5	30.04	82	82	78	85	"	"	1	"				

Longitude by Chronometer from Afternoon Observations ☽

164°30' 00" E

Longitude by Chronometer from Observations \*

"

Variation of the Compass by Amplitude observed at Sunset

"

Variation of the Compass by at

"

under the command of

Commander A. H. McCormick

, U. S. Navy,

Thursday. July 26<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Weather overcast with heavy showers of rain. first part of watch, afterwards clearing. Wind light, variable, and fitful. Barometer falling. Aneroid at end of watch 29.88.

4 to 8 A.M. Weather clearing. Gentle breeze from S.E. Smooth sea. At 7.15 set port fore topmast, fore, and main topgallant stunsails. Aneroid barometer 29.90.

8 A.M. to Meridian. Clear greater part of watch with heavy banks of clouds near the horizon. Light breeze from S.E. Smooth sea. At 9.15 mustered at quarters. At 10.30 started fires under four after boilers. Aneroid 29.88

W.W. Brown Master

W.W. Brown Master

Meridian to 4 P.M. Weather pleasant. Light breeze from S.S.E. Barometer falling. Cirro-cumulus and nimbus clouds. At 2.00 took in all sail, connected propeller, got over target, went to general quarters and fired at target. Expended in Ord. Dept. 124½ lbs. of cannon powder, 6 7E in shrapnel, 6 7E in shell, 5 sec fuze, 3 3in shell and 3. 12 pdv shrapnel. At 3.30, having finished target practice, commenced swinging ship for compass deviation. Aneroid barometer 29.84. Under steam pressure 45 lbs and 40 revolutions.

Carl Whittle Lieut

4 to 6 P.M. Weather generally pleasant. Passing showers of rain at 4.20. Barometer steady. Continued swinging ship during intervals when weather permitted, and made course, under steam when sun was obscured. Aneroid at end of watch 29.86.

W.W. Brown Master

6 to 8 P.M. Pleasant weather. Moderate breeze from S.E. hauling to E and freshening. At 6.30 made all plain sail to royals except mainsail and all port stunsails except lower. Started two fires and commenced distilling with the other two. Aneroid barometer 29.88.

W.W. Brown Master

8 P.M. to Midnight. Clear and pleasant first part of watch, with light rain showers, at 11.00. Smooth sea. Moon arose at 10.45. Aneroid 29.86.

W.W. Brown Master

W.W. Brown Master

Moon high Examined and found to be correct.

Dec 11° 16' 35" N

Phase Last quarter

W. D. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

Steamer "Essex"

, 3d Rate, 6 Guns,

making passage from Honolulu, H.S. to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	5 5	21 1/2 N	SE	1			29.91	82	81	77	84	ocp	cumulus	0	6	All square sail except
2	5 0	"	"	4			29.99	82	81	77	84	"	"	0	"	mainsail, port topmast
3	4 0	"	SSE	3			29.95	82	81	77	84	oc	"	0	"	and topgall. stunsail
4	2 6	"	"	2			29.95	81	80	75	84	bcd	cumulus	1	"	
5	3 0	"	"	2			29.95	82	80	77	84	bc	"	2	"	
6	3 0	"	"	2			29.95	82	81	77	84	"	"	3	"	ook in all sail
7	Swinging ship	"	"	2			29.93	82	81	77	84	"	"	6	"	
8	2 6	W 1/2 N	"	2			29.93	81	81	78	84	bcp	"	3	"	made all square sail ex-
9	4 0	"	"	2			29.95	82	82	77	84	"	"	1	"	cept mainsail, ect gib
10	4 4	"	South	3			29.95	83	82	77	84	bc	"	2	"	Set headsails, port fore
11	5 0	"	S + 1/2 N	3			29.95	84	83	77	84	"	"	2	"	topgall. and topmast-stunsail
Noon.	5 0	"	"	3			29.91	84	83	77	84	"	"	2	"	and main trysail

Distance run by Log since preceding Noon

85 knots 4 fathoms.

Latitude by D. R. at Noon

22° 57' 34" N

Longitude by D. R. at Noon

163° 02' 00" E

Latitude by Observations at Noon ☽

23° 08' 05" N

Longitude by Chronometer from Forenoon Observations ☽

162° 52' 15" E

Current during the time 0.55 knots — fms. per hour, setting to the

N 41° 25'

Variation of the Compass by Amplitude ☽ observed at Sunrise

• "

1083 Variation of the Compass by Azimuth ☽ observed at 8. A.M.

7° 11' 11" E

Water expended during the preceding 24 hours

350 gallons.

Water distilled during the preceding 24 hours

2900 "

Water remaining on hand fit for use at Noon

31.00 "

Coal consumed during the preceding 24 hours

5 tons 1800 lbs.

Coal remaining on hand at Noon

104 " 1628 "

P. M.																	
1	5 14	21 1/2 N	S. 91	11			29.89	84	83	77	84	bc	cumulus	2	8		
2	5 0	"	"	11			29.89	84	83	77	84	"	"	3	"	ook in port stunsail	
3	3 0	"	"	5			29.88	84	79	77	84	bcp/g	cumulus	2	"	royals & flying jibs	
4	2 5	"	"	3			29.88	84	79	77	84	bc	"	1	"		
5	1 0	4 91	01 891	2.5			29.88	82	79	77	84	oc/g	cumulus	0	"		
6	3 5	4 1/2 N	91	3			29.88	81	79	76	84	oc	"	0	"		
7	2 2	01 91 + N.	91 x S	2.3			29.90	81	80	77	84	"	"	0	"		
8	1 0	"	"	1			29.90	81	81	78	84	"	"	0	"		
9	1 0	4 91	"	1			29.89	81	81	78	84	bc	"	3	"		
10	2 14	21 1/2 N	E.	2			29.87	81	81	78	84	"	"	11	"		
11	3 6	"	SSE	3			29.87	81	81	78	84	"	"	5	"	Set port stunsails ex- cept lower.	
Mid.	5 4	"	"	11			29.84	81	81	78	84	bcp/g	"	5	"		

Longitude by Chronometer from Afternoon Observations ☽

• " "

Longitude by Chronometer from Observations \*

• " "

Variation of the Compass by Amplitude observed at Sunset

• " "

Variation of the Compass by at

• " "

under the command of Commander A. H. M<sup>o</sup> Cormick U. S. Navy,  
Friday July 27<sup>th</sup> 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather damp. Light to moderate breeze from S.E. to S.S.E. Barometer falling. Distilling water. Aneroid barometer 29.80.

*Hal Whaler Lieut*  
4 to 8 A.M. Weather warm and sultry. Light breeze from S.S.E. Barometer steady. Spread firs and started ahead under steam, taking in all sail for evning ship at 6.00. Stopped steaming, and made all sail at 7.30. Gave up evning on account of unfavorable weather. Aneroid at end of watch 29.82.

*Phoe Lieut*  
8 A.M. to Meridian. Cloudy and warm. Moderate breeze from S.S.E. hailing to S by N. and freshening slightly. At 8.00 set flying jib, fore topmast stayail and all port stunsails except the lower. At 9.15 exercised the crew at fire quarters, after which exercised the signal class. Stopped distilling at 8.25 stopped distilling. Aneroid barometer at the close 29.89.

*W.W. Dunn Master*  
Meridian to 11 P.M. Cloudy greater part of watch with heavy showers last hour. Light breeze from S.W. Smooth sea. Distilling. At 2.20 called all hands and shifted topsails. Aneroid 29.75.

*Winnipeg River W.K. Lieut*  
4 to 6 P.M. Weather equally and unsettled. Barometer low. Breeze light to fresh in squalls from N to N & W. Took in and folded bowsails and flying jib. Stopped firs. Aneroid barometer 29.76.

*Hal Whaler Lieut*  
6 to 8 P.M. Weather overcast and gloomy. Light variable airs. Rain squalls about the horizon. Barometer rising. Aneroid at end of watch 29.78.

*Phoe Lieut*  
8 P.M. to Midnight. Cloudy, threatening rain. Very light airs from N by S. hailing to S.S.E. and freshening. At 10.15 set all port stunsails but the lower. Aneroid barometer 29.75.

*W.W. Dunn Master*

Moonmid Examined and found to be correct.  
Dec 14° 46' 20" n  
Phase Last quarter

*W. T. Parker  
Lieut Navigator.*

LOG of the UNITED STATES

Steamer "Essex", 3d Rate, 6 Guns,  
making passage from Honolulu, H. I. to Yokohama, Japan

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	5 0		W 1/2 N	S	5		29.82	82	81	77	84	begt	amumb	1	S	All square sail, except main sail with jib and fore top stay sail and port cross sail except lower reefs and top gallant sails set main trysail. Set topgallant sail and jibs
2	5 0		"	S + E	6-7		29.80	82	79	76	84	ocgr	"	0	"	
3	5 0		"	"	6-7		29.79	81	79	76	84	begt	"	1	"	
4	4 6		"	"	6		29.80	81	79	76	84	be	"	3	"	
5	5 0			SSW	5		29.80	82	82	78	84	"	"	2	"	
6	6 5		"	"	5		29.80	82	82	78	84	"	"	2	"	
7	7 5		"	"	5		29.80	83	83	78	84	"	"	2	"	
8	7 5		"	"	6		29.80	83	83	78	84	"	"	2	"	
9	7 0		"	"	6		29.83	84	84	79	84	"	"	1	M	Set in royals & topgallant sails, took a enough reef in topsails and foresail
10	6 0		E	SS E	5-7		29.86	83	83	79	84	ocgr	"	0	"	
11	5 0		E S E	S	5-7	2	29.86	83	78	76	84	"	"	0	"	
Noon.	4 8		"	"	5-7	2	29.86	80	78	76	84	"	"	0	"	

Distance run by Log since preceding Noon

107 knots 6 fathoms.

Latitude by D. R. at Noon

23° 38' 00" N

Longitude by D. R. at Noon

161° 37' 00" E

Latitude by Observations at Noon ☽

"

Longitude by Chronometer from Forenoon Observations ☽

161° 42' 00" E

Current during the time      knots      fms. per hour, setting to the

1083 Variation of the Compass by Amplitude ☽ observed at Sunrise      "      "

Variation of the Compass by Azimuth ☽ observed at

"

Water expended during the preceding 24 hours

360 gallons.

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2750 "

Coal consumed during the preceding 24 hours

1 tons 600 lbs.

Coal remaining on hand at Noon

103 " 1568 "

P. M.																	
1	2 5		E S E	S by N	6		29.73	80	78	76	84	ocgr	amumb	0	M		
2	3 0		"	"	6		29.73	80	78	76	84	"	"	0	"		
3	3 5		E by S	SS W	6-7		29.72	80	78	76	84	"	"	0	"		
4	3 8		"	S by N	6-7		29.72	80	78	76	84	ocq	"	0	"		
5	3 8		E S E	"	6-7 1/2		29.74	82	82	77	84	"	"	0	"		
6	4 2		E by S.	South	5-7 1/2		29.74	82	82	77	84	"	"	0	"		
7	2 0		W 1/2 N	S by N	5-7 2		29.76	82	82	77	84	begt	amumb	1	"	Single reefed topsails and foresail, jib and main trysail	
8	4 5		"	"	5-7 2		29.79	83	82	77	84	"	"	6	"		
9	4 5		"	SS W	5-7 1		29.80	83	82	78	84	"	"	11.	"		
10	4 5		"	"	5-7 1		29.80	82	80	79	84	ocgr	amumb	0	"		
11	4 0		W by N.	S by S.	5-6 1		29.80	82	80	79	84	"	"	0	"		
Mid.	3 5		"	"	6 1		29.81	82	80	79	84	"	"	0	"		

Longitude by Chronometer from Afternoon Observations ☽

"

Longitude by Chronometer from Observations \*

"

Variation of the Compass by Amplitude      observed at Sunset

"

Variation of the Compass by      at

"

under the command of

Commander A. H. McCormick

, U. S. Navy,

Saturday, July 28<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Cloudy with frequent heavy showers of rain. Wind unsteady occurring and hailing from S by E to S.S.E. gradually increasing in strength until E. then decreasing. Blowing a strong breeze greater part of watch. At 1.20 took in all port stern sails, royals and topgallant sails. At 3.45 set the topgallantsails. Obscured moonlight. Barometer low and steady. Asteroid at end of watch 29.72. Clearing last hour of watch.

4 to 8 A.M. Weather pleasant. Fresh breeze from SSW. Barometer low but steady. Clouds cumulus and nimbus. Aneroid barometer 29.69  
7 a.m. Weather Lmt.

8 AM to Meridian. Weather overcast, equally and rainy. Barometer low and steady. Called all hands reef topsails at 9.00. Took a single reef in the topgallants, a single reef in the <sup>wrong ship</sup> foresail, furled topgallants and royals, and sent down royal yards. Got preventer braces on deck, and made preparations for heavy weather. Rove off new topsail clewlines. Aneroid at end of watch 29.70.

Meridian to 11. P.M. Overcast cloudy and rainy breaking away last hour. Wind blowing in fresh squalls from S by E and S S W. Barometer steady. Asteroid 29.68 Ship under single reefed topsails with fore topmast staysail, fore sail and main trysail. Sea moderate

11 to 6 P.M. Cloudy. Sailing a strong breeze from South. Sustaining moderate sea, ship rolling and pitching moderately. At 4.45 mustered, at quarters. An error, at end of watch 29.70; risking slightly.

6 to 8 P.M. Weather equally but not unpleasant, clearing in latter part of watch. Wind stiff in squalls from S by W. D. aneroid rising slowly. At 6.30 wore ship. Aneroid barometer 29.72.

Carl Whittle, Laramie

8 PM to Midnight. Weather overcast equally and rainy.  
Barometer low and steady. Got preventer trace on fire yard.  
Aneroid at end of watch 29.64.

Chas Lint

*Mowbrayia* Examined and found to be correct.

Moore mud Examined  
Dec 17, 30, 35 n  
Phase last month

W. H. Parker  
Lieut<sup>d</sup> Navigator.

LOG of the UNITED STATES

Steamer "Essex", 3d Rate, 6 Guns,

Making passage from Honolulu, H. I. to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	3 6		W by N	S by W	6		29.79	82	82	79	84	ocg	cumulus	0	M	single reefed topsails
2	3 5		NW by N	S S W.	4-6		29.77	80	77	76	84	ocgr	"	0	"	and foresail, Main
3	3 5		NW by N	S by W	4-6		29.77	79	76	75	84	"	"	0	"	topgallant & fore topsail
4	3 0		S E by E	"	4-6		29.77	79	76	75	84	"	"	0	"	
5	1 5		S E by E	"	2		29.80	80	79	75	84	oer	"	0	"	
6	3 0		"	"	3-6		29.85	80	79	75	84	ocgrll	"	0	"	
7	1 0		W 1/2 N	S by N	3-6 1/2		29.89	80	79	75	84	ocgr	"	0	"	
8	3 0		"	South	3-6 1/2		29.89	80	79	75	84	"	"	0	"	Set topgallants and jib
9	2 0		West	S by N	3-6 1/2		29.90	80	79	77	84	ocpq	"	0	"	
10	4 5		"	"	3-5 1		29.90	80	80	77	84	"	"	0	"	
11	4 5		"	"	4-6 1		29.90	80	80	78	84	"	"	0	"	
Noon.	5 5		"	"	4-6 1		29.90	80	80	78	84	"	"	0	"	

Distance run by Log since preceding Noon

86 knots 9 fathoms.

Latitude by D. R. at Noon

23° 44' 00" N

Longitude by D. R. at Noon

161° 15' 00" E

Latitude by Observations at Noon ☽

23° 33' 00" N

Longitude by Chronometer from Forenoon Observations ☽

"

Current during the time      knots      fms. per hour, setting to the

1083 Variation of the Compass by Amplitude ☽ observed at Sunrise

"

Variation of the Compass by Azimuth ☽ observed at

"

Water expended during the preceding 24 hours

320 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2430 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

103 " 1268 "

P. M.																	
1	6 2		West	S by W.	6 1/2	29.87	82	81	78	83	ocg	cumulus	0	M	ook in topgallants		
2	5 0		"	"	6 1/2	29.87	82	81	78	83	"	"	0	.	Set topgallants		
3	5 0		"	S S W.	6 1/2	29.87	82	81	78	83	"	"	0	"			
4	11 0		"	"	5 1	29.87	82	82	78	83	"	"	0	"	ook in topgallants		
5	3 0		"	S by N	5	29.86	82	82	78	83	"	"	0	"	Set main topgallant		
6	14 0		"	"	5	29.86	82	82	78	83	"	"	0	"	Shook set out of		
7	4 8		"	South	5	29.86	82	82	78	81	bcg	"	1	"	foresail, set spanker		
8	5 4		"	"	5	29.86	82	82	78	81	"	"	3	"			
9	5 5		"	S by N	3-5	29.88	82	81	79	81	"	cumulus	1	"			
10	5 5		"	"	3-5	29.88	82	82	79	81	"	cumulus	2	"			
11	5 5		"	"	3-5	29.88	82	82	79	81	"	"	5	"			
Mid.	5 5		"	"	5	29.88	82	82	79	81	bc	cumulus	6	"			

Longitude by Chronometer from Afternoon Observations ☽

"

Longitude by Chronometer from Observations \*

"

Variation of the Compass by Amplitude      observed at Sunset

"

Variation of the Compass by      at

"

under the command of

Commander A. H. McCormick

, U. S. Navy,

Sunday. July 29<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Overcast cloudy and squally with very heavy rain greater part of watch. Strong breeze in squalls from S by E. Tacking gradually to S W by E. At 2.30 wore ship to the N<sup>o</sup>, Aneroid barometer 29.76.

W. W. Lynn Master

4 to 8 A.M. Cloudy. Gloomy. Raining heavily the entire watch. Wind variable, veering and tacking from S by E to S. E. Broke moderate sea, wind steady last hour of watch from south. At 6.30 wore ship to W<sup>o</sup>, hauled on course N<sup>W</sup> N. Aneroid rising slowly, 29.80 at end of watch. <sup>on Leut</sup> W. W. Lynn <sup>on Leut</sup> 8 A.M. to Meridian. Weather equally and unsettled. Breeze fresh from S by W. Barometer steady. Cumulus and nimbus clouds. Moderate sea with an occasional heavy swell from S W. At 8.30 set topgallant sails and changed course to W. by order of Captain. Aneroid barometer 29.80.

N. A. Whaler, Lieut

Meridian to 4 P.M. Weather overcast cloudy and gloomy. Very fresh breeze from S by E and S S W. Barometer steady. Moderately rough sea from S. W. Ship pitching deeply but easily. At 1.30 took in topgallant sails and squared weather sheet. Set them again at 2.30. At 3.30 took in topgallant sails and hauled down jibs. Course West. Aneroid 29.77.

H. D. Dunn, Ensign

4 to 6 P.M. Cloudy weather, partly clearing toward the close. Strong breeze from S by W. with frequent moderate squalls. At 4.30 set jib and main topgallant sail. Aneroid barometer 29.77.

W. W. Lynn Master

6 to 8 P.M. Clearing weather. Moderate breeze from south. Long swell from W by S. Set spanker and shook out out of fore-sail, Aneroid 29.78.

W. W. Lynn <sup>on Leut</sup> W. W. Lynn <sup>on Leut</sup>

8 P.M. to Midnight. Weather pleasant. Breeze fresh in squalls from S by E and in last hour of watch fresh and steady from that direction. Barometer steady but low. Sea moderate with an occasional heavy swell from S W. Aneroid barometer 29.78.

N. A. Whaler, Lieut

Moon I mid Examined and found to be correct.

Dec 19<sup>th</sup> 12<sup>th</sup> m

Phase Dark moon

W. J. V. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

*Steamer Essex*, 3d Rate, 6 Guns,  
Making passage from Honolulu, H. I. to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prcp. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
23° 44' 1	7	0	SW	S x W	6	1/2	29.85	83	82	79	81	b <u>c</u>	circum	7	N	single reefed topsails
2	7	0	"	"	6	1/2	29.83	83	82	79	81	"	"	6	"	foreail, main topgall
160° 02' 3	6 1/4	"	"	"	6	1/2	29.83	83	82	79	81	oc	cumulus	0	"	sail, fore top staysail
4	6 8	"	"	"	6	1/2	29.80	83	82	79	81	"	"	0	"	and spanker
5	7 2	"	"	"	6	1/2	29.80	82	82	79	81	b <u>c</u> g	"	2	"	
6	6 6	"	"	"	6	1/2	29.80	82	82	79	81	"	"	1	"	
7	6 6	"	"	"	6	1/2	29.80	82	82	79	81	"	"	1	"	
23° 55' 8	6 6	"	"	"	6	1/2	29.80	82	82	79	81	b <u>c</u> g	"	1	"	
6	5 0	"	"	"	6	1/2	29.80	83	82	79	81	ocgt	"	0	"	Goat in spanker, shook
10	4 14	"	"	"	6	1/2	29.80	84	83	79	81	"	"	0	"	surf out of topsails
11	4 8	SW x N	8 1/2	6-7	1/2	29.80	84	82	79	81	ocgrt b	"	0	"	Goat in main topsail	
Noon.	4 8	SW x N	"	5-7	1/2	29.80	84	80	78	81	b <u>c</u> g	"	1	"	haul down jibs.	

Distance run by Log since preceding Noon

132 knots 4 fathoms.

Latitude by D. R. at Noon

24° 05' 00" N

Longitude by D. R. at Noon

158° 58' 00" E

Latitude by Observations at Noon ☽

• " "

Longitude by Chronometer from Forenoon Observations ☽

• " "

Current during the time      knots      fms. per hour, setting to the

1082 Variation of the Compass by Amplitude ☽ observed at Sunrise

• " "

Variation of the Compass by Azimuth ☽ observed at

• " "

Water expended during the preceding 24 hours

330 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2100 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

103 " 968 "

P. M.																
1	5 0	SW x N	8 1/2	6	29.82	80	79	77	81	b <u>c</u> g	cumulus	1	N			
2	5 6	"	"	6	29.80	81	80	78	81	"	"	1	"			
3	5 0	"	"	5	29.80	81	81	79	81	"	"	1	"			
4	4 6	"	"	5	29.80	81	81	79	81	"	"	1	"			
5	2 0	"	8 1/2	5	29.80	82	81	78	81	oc	"	0	M			
6	3 7	SW x N 1/4 N	"	5	29.81	82	81	78	81	"	"	0	"			
7	4 0	NW 1/2 N	"	5	29.84	82	81	78	81	b <u>c</u>	cirrus	7	"			
24° 27' 8	4 0	SW	"	5	29.85	82	80	78	81	b <u>c</u> l	cirrus	5	"			
168° 28'	4 0	"	"	4	29.85	82	80	78	81	"	"	6	"			
10	3 6	SW 1/2 N	"	4	29.85	82	80	78	81	b <u>c</u> o	"	6	"			
11	3 0	SW x N	"	4	29.84	82	80	78	81	"	"	6	"			
Mid.	2 0	SW x N	"	2	29.83	82	80	78	81	"	"	7	"			

Longitude by Chronometer from Afternoon Observations ☽

• " "

Longitude by Chronometer from Observations \*

• " "

Variation of the Compass by Amplitude      observed at Sunset

• " "

Variation of the Compass by      at

• " "

under the command of

Commander A. H. M<sup>c</sup>Connell, U. S. Navy,  
Monday. July 30th, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Weather partly cloudy and pleasant, Fresh breeze from S by W. Barometer falling. Aneroid at end of watch 29.77.

4 to 8 A.M. Cloudy with light rain last hour of watch, Fresh breeze from S by W with occasional light squalls. Rather threatening at the close. Aneroid barometer 29.75.

8 A.M. to Meridian. Cloudy with frequent heavy showers of rain. Wind steady from S by W light first two hours of watch, hailing to Wd remainder of watch and freshening: S.W. at end of watch. Long heavy swell from S.W. At 9.00 took in spanker. At 9.15 shook reefs out of topgallantsails. At 11.00 took single reef in topsail and furled main topgallantsail. At 11.45 hauled down and stowed jib. Aneroid 29.75.

Meridian to 11 P.M. Overcast and cloudy. Fresh to stiff breeze from SSW and SW by W. Barometer steady. Rough breakers on port bow. Course NNW. At 3.30 set topgallantsails and jib. Aneroid 29.70.

6 to 8 P.M. Clearing weather. Moderate breeze from S.W. Aneroid barometer 29.72.

11 to 6 P.M. Weather cloudy and pleasant. Light breeze from S.W. Barometer rising. Aneroid at end of watch 29.73.

8 P.M. to Midnight. Clear and pleasant. Light breeze from S.W. Moderate swell from direction of wind. Lightning in S.W. first hour of watch. Aneroid 29.75.

W. J. Parker  
Lieut & Navigator

Moon mid Examined and found to be correct.

Dec 19° 39' 20" N  
Phase Last quarter

W. J. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

*Steamer Essex*, 3d Rate, 6 Guns,  
Making passage from Honolulu, H. I. to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	10	8.9t	8.9t	1-2			29.83	82	80	78	81	b0	circum	7	N	single up'd topsails
2	05	8.9t+N.	"	0-1			29.83	82	81	79	81	"	"	6	E	topsail, jib. f. topg stage
3	05	8.9t	"	0-1			29.83	82	81	79	81	"	"	8	E	and main topsail
4	05	8.9t+N.	"	0-1			29.83	82	81	79	81	"	"	7	E	
5	05	"	W. S.	1			29.85	82	81	78	81	"	"	7	S	
6	no steerage	8.9t	balw	0			29.86	82	81	79	81	"	"	11	E	Look in main topsail
7	"	"	"	0			29.90	82	81	79	81	"	"	5	E	
8	05	9t+N. 9t	"	0			29.90	82	81	79	81	"	"	5	E	Shook out up'g. staysails
9	10	"	NE.	1			29.90	82	82	79	81	"	circum	11	E	and flying jib. Set
10	16	"	"	1			29.90	82	82	79	81	"	"	11	E	starboard staysails
11	16	"	East	1			29.90	83	83	79	82	"	"	5	E	
Noon.	16	"	"	1			29.90	83	83	80	82	"	"	2	E	

Distance run by Log since preceding Noon

57 knots 8 fathoms.

Latitude by D. R. at Noon

24° 40' 48" N

Longitude by D. R. at Noon

158° 11' 00" E

Latitude by Observations at Noon ☽

24° 33' 16" N

Longitude by Chronometer from Forenoon Observations ☽

159° 01' 00" E

1082

Current during the time      knots      fms. per hour, setting to the

5° 00' 00" E

Variation of the Compass by Amplitude ☽ observed at Sunrise

• " "

Variation of the Compass by Azimuth ☽ observed at 8. A. M.

• " "

Water expended during the preceding 24 hours

330 gallons.

Water                          during the preceding 24 hours

" "

Water remaining on hand fit for use at Noon

1740 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

103 " 668 "

P. M.																	
1	18	01 11 9t.	8 18	1			29.89	84	84	80	82	b0	circum	11	S		
2	20	"	"	1			29.87	84	84	80	82	"	"	11	S		
3	15	"	"	1			29.86	84	84	80	82	"	"	11	S		
4	10	"	"	1			29.86	84	84	80	82	"	"	11	S		
5	10	"	NE.	1			29.88	83	83	79	82	"	circum	11	S		
6	10	"	6. NE.	1			29.90	83	81	80	82	"	gatrat	11	S		
7	16	"	"	1			29.90	82	82	79	82	"	"	11	S		
8	24	"	NE	2			29.90	82	82	79	82	"	"	5	S		
9	30	"	"	2			29.90	82	81	78	82	"	"	5	S		
10	35	"	"	2			29.89	82	81	78	82	"	"	11	S		
11	40	"	"	3			29.90	82	81	78	82	"	"	2	S		
Mid.	40	"	"	3			29.90	82	81	78	82	"	"	2	S		

Longitude by Chronometer from Afternoon Observations ☽

159° 04' 00"

Longitude by Chronometer from Observations \*

" "

Variation of the Compass by Amplitude      observed at Sunset

" "

Variation of the Compass by      at

" "

under the command of

Commander A. H. M<sup>o</sup> Connick

, U. S. Navy,

Tuesday, July 31st

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant weather. Light airs from S.W. Barometer steady. Bright star and moonlight. Aneroid barometer 29.75.

Hail Rounds Fired

4 to 8 A.M. Weather partly cloudy and warm. Balm. Took in main topsail at 6.00. A light breeze sprang up from N<sup>o</sup> and E<sup>o</sup> at 7.30. Braced around yards and shook out reefs. Barometer rising. Aneroid, at end of watch 29.79.

Chas. Lumb

8 A.M. to Meridian. Weather clearing. Light airs from N & E hawling to E and slightly freshening. At 8.30 closed royal yards. bent gear and set royals and flying jib. Went to quarters for inspection and muster at 9.15. At 10.00 braced in the yards and set starboard stunsails. By order of Commanding Officer S. S. Lawrence (O.S.) was given three extra lookouts for shilling our watch. Aneroid barometer 29.76.

W.W. Inn Master

Meridian to 11. P.M. Cloudy and pleasant. Light airs from ENE. Barometer falling slowly. Aneroid 29.74. Long sea. Ship under all square sail but main sail with all starboard stunsails. Course WNW.

John Ensign.

4 to 8 P.M. Weather clear and pleasant. Light airs from N & E. Barometer rising slowly. Clouds cirrus, cumulus and nimbus. At 4.45 mustered at quarters and instructed, all divisions orally. Aneroid barometer 29.75.

Hail Rounds Fired

6 to 8 P.M. Weather clear and pleasant. Light breeze from N and E. Barometer rising. Aneroid, at end of watch 29.76.

Chas. Lumb

8 P.M. to Midnight. Clear and pleasant first part, clouding over latter part. Light airs from N & E gradually freshening. Aneroid barometer 29.79.

W.W. Inn Master

Moon high Examined and found to be correct.

Dec 18° 58' 0" N

Phase Last quarter

W. T. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

Steamer "Essex"

, 3d Rate, 6 Guns,

Making passage from Honolulu, H. I. to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	4	2	W N W	688.	3		29.90	83	82	79	82	bcl	cumulus	1	S	All square sail except
2	4	6	"	"	3		29.98	82	82	79	82	ocl	"	0	"	main, jib fore, topg, stay, etc, stunsails
3	4	6	"	"	3		29.87	82	82	79	82	bcl	"	2	"	ook in topgall stunsail
4	5	0	"	"	3		29.87	82	82	79	82	"	"	2	"	
5	5	0	"	688	3		29.90	81	82	78	82	bc	cumulus	3	"	
6	4	5	"	"	3		29.93	81	81	78	82	"	cumulus	3	"	
7	4	0	N N 1/2 W	8 N	2-3		29.95	80	80	77	82	ocpq	cumulus	0	"	ook in all stunsails
8	4	5	W N W	"	2-3		29.98	79	78	76	82	ocpq	"	0	"	Set royals & main try sail
25°03'	9	5	0	-	88 W	3	29.98	79	77	75	82	ocd	cumulus	0	"	Turled royals.
10	2	5	"	89 x S.	2		29.98	78	77	75	82	"	"	0	"	Set royals & fly jib
11	0	6	"	"	1		29.96	78	77	75	82	oc	"	0	"	
Noon.	1	0	"	NE	1		29.93	79	78	76	82	"	"	0	"	ook in main try sail

Distance run by Log since preceding Noon

72 knots 3 fathoms.

Latitude by D. R. at Noon

25° 07' 00" N

Longitude by D. R. at Noon

187° 55' 00" E

Latitude by Observations at Noon ☽

25° 04' 00" N

Longitude by Chronometer from Forenoon Observations ☽

• • "

Current during the time      knots      fms. per hour, setting to the

• • "

Variation of the Compass by Amplitude ☽ observed at Sunrise

• • "

1059

Variation of the Compass by Azimuth ☽ observed at

• • "

Water expended during the preceding 24 hours

330 gallons.

Water

during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

14440 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

103 " 368 "

P. M.																	
1	2	8	W N W	8 by N.	2		29.95	79	79	76	82	oc	cumulus	0	S	Set stbd stunsails	
2	3	5	"	"	2		29.92	80	80	76	82	"	"	0	"	Hauled down jib	
3	3	5	"	"	3		29.92	80	80	76	82	"	"	0	"	ook in stbd stunsails	
4	4	6	"	80	11		29.92	80	80	76	82	"	"	0	"	Set lopg altsails	
5	5	11	"	88 E	11		29.93	82	81	76	82	bc	cumulus	1	"	Set jib, flying jib & lopg stayl	
6	5	0	"	8 x E	3		29.93	82	81	76	82	"	"	1	"		
7	4	0	"	88 N	3		29.94	82	81	76	82	"	cumulus	2	"		
25°20'	8	4	5	"	3		29.94	82	81	76	82	oc	"	0	"		
E 187°22'	9	4	5	"	8	3	29.96	82	81	76	82	ocv	cumulus	0	"		
10	5	0	"	88 N	4		29.97	80	78	76	82	"	"	0	"		
11	2	0	NE	Var	1		29.97	79	77	76	82	"	"	0	"	ook in port stunsails	
Mid.	2	0	W N W.	"	1-2		29.96	78	77	75	82	"	"	0	"		

Longitude by Chronometer from Afternoon Observations ☽

• • "

Longitude by Chronometer from Observations \*

• • "

Variation of the Compass by Amplitude      observed at Sunset

• • "

Variation of the Compass by      at

• • "

under the command of

Commander A. H. McCormick

, U. S. Navy,

Wednesday, August 1st

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a.m. Weather clear with heavy banks of clouds near the horizon. Occasional flashes of lightning to Pd. Light breeze from ESE. Smooth sea. At 2.00 took in fore topgallant stunsails and at 4. flying jib. Aneroid falling slowly. 29.75 at end of watch.

8 AM to 8. AM. Weather pleasant in first part of watch, equally and unsustained in latter part, the wind coming out from the SW. took in stunsails and braced up by the starboard braces. Set jib, flying jib and main trysail. Aneroid barometer 29.83.

8 AM to Meridian. Weather overcast and sultry. Light variable airs. Barometer falling. Took in main trysail at 11.30. Aneroid at end of watch 29.82.

Meridian to 11 PM. Weather overcast and cloudy. Light to gentle breeze from E by N. shifting to S E last hour. Barometer slowly falling. Aneroid 29.80. Smooth sea. At 1.30 set all starboard stunsails and hauled down head sails. At 2.00 shifted foresail. At 3.30 took in all starboard stunsails and set port topgallant stunsails. Course WNW.

11 to 6 PM. Cloudy. Pleasant, light breeze from S by E. greater part of watch. Smooth sea. At 1.45 mustered at quarters. At 4.30 set port fore topgallant stunsail, jib and flying jib. Aneroid 29.78.

6 to 8 PM. Weather pleasant but cloudy. Gentle breeze from SSW. Sea smooth, barring an occasional heavy swell from SW. Barometer steady. Aneroid barometer 29.81.

8 PM to Midnight. Weather overcast with heavy showers of rain. Wind light and variable. Barometer steady. Took in stunsails at 10.20. Aneroid at end of watch 29.88.

Midnight to 6 AM. Weather overcast with heavy showers of rain. Wind light and variable. Barometer steady. Took in stunsails at 10.20. Aneroid at end of watch 29.88.

6 AM to 1 PM. Weather overcast with heavy showers of rain. Wind light and variable. Barometer steady. Took in stunsails at 10.20. Aneroid at end of watch 29.88.

Moon 1/2 mid Examined and found to be correct.

Dec 17 07' 10" N

Phase Last Quarter

W. J. Parker  
Lieut. Navigator.

LOG of the UNITED STATES

*Steamer "Essex"*, 3d Rate, 6 Guns,  
Making passage from Honolulu, H. I. to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	1 0	21 1/2 W	S.	0-1			29.92	79	78	76	82	ocn	cumulus	0	S.	All square sail except main sail.
2	1 0	"	"	0-1			29.92	79	78	75	82	"	"	0	"	" main sail.
3	2 0	"	E NE	2			29.92	79	78	75	82	"	"	0	"	
4	2 6	"	"	2			29.92	79	78	75	82	"	"	0	"	
5	2 0	"	"	2			29.92	79	78	75	80	"	"	0	"	
6	2 5	"	"	2			29.92	79	78	77	80	bcr	"	1	"	Set after topgall and main topgall stunsails
7	2 0	"	"	2			29.94	80	78	77	80	ocn	"	0	"	
8	1 5	"	"	1			29.95	80	78	77	80	ocd	"	0	"	ook in stunsails
9	1 5	"	ESE	1			30.00	79	78	76	80	"	"	0	"	
10	2 5	"	E NE	2			30.00	78	78	76	80	"	"	0	"	Set and took in old stunsails
11	4 0	"	S 1/2 E	3			30.00	77	75	73	80	ocp	"	0	"	
Noon.	1 5	"	ESE	1			29.99	77	76	74	80	ocn	minus	0	"	

Distance run by Log since preceding Noon

70 knots 9 fathoms.

Latitude by D. R. at Noon

25° 38' 25" N

Longitude by D. R. at Noon

156° 46' 00" E

Latitude by Observations at Noon ☽

• • "

Longitude by Chronometer from Forenoon Observations ☽

156° 55' 00" E

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

• • "

1058

Variation of the Compass by Azimuth ☽ observed at

• • "

Water expended during the preceding 24 hours

330 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1110 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

103 " 68 "

P. M.																	
1	2 8	21 1/2 W	S E	2			29.95	77	77	75	80	ocn	minus	0	S		
2	2 5	"	ESE	2			29.95	77	77	74	80	"	"	0	"	Set after topgall and top	
3	2 0	"	"	2			29.93	77	77	74	80	ocd	cumulus	0	"	main stunsails. Hauled down jib and flying jib	
4	2 0	"	S E	2			29.93	78	78	75	80	oc	"	0	"	Set fore stunsails. Capt lower. Took in	
5	4 2	"	S 1/2 W	3			29.90	78	78	75	80	ocp	"	0	"	Set old stunsails	
6	5 2	"	S W.	3			29.90	78	78	75	80	"	"	0	"	Taking fore stunsails	
7	5 6	"	S 1/2 E	11			29.88	78	77	73	80	oc	"	0	"	Set fore top stay sail & main topsail.	
8	4 8	"	"	11			29.88	78	77	73	80	"	"	0	"		
9	1 5	"	S 1/2 W.	1			29.90	78	78	76	80	bc	cumulus	2	"		
10	2 0	"	E NE	2			29.90	78	78	76	80	"	"	2	"		
11	2 5	"	"	2			29.90	78	78	75	80	"	"	11	"		
Mid.	3 0	"	ESE	2			29.90	78	78	75	80	"	"	2	"		

Longitude by Chronometer from Afternoon Observations ☽

• • "

Longitude by Chronometer from Observations \*

• • "

Variation of the Compass by Amplitude      observed at Sunset

• • "

Variation of the Compass by      at

• • "

under the command of

Commander A. H. W<sup>o</sup> Connick

, U. S. Navy,

Thursday. August 2d , 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences rain until 14 A.M. Overcast cloudy and rainy. Light airs from SSW, hauling to ENE, and freshening. Aneroid bar. 29.82 W.W. Inn Master.

4 to 8. A.M. Cloudy drizzling rain during watch. Light airs from ENE. Smooth sea. At 6. set starboard fore topmast and main topgallant stunsails, and at 7.45 took them in. Aneroid 29.84.

W. W. Inn Master  
8. A.M. to Meridian. Weather overcast, cloudy, wet and unsettled. Breeze varying in force from light to fresh and in direction from ESE to SW by S. Draced around and set and took in stunsails as the wind made it necessary. Barometer steady. Aneroid barometer 29.86.

W. H. Whistler, Lieut  
Meridian to 11. PM. Overcast cloudy and rainy clearing last part. Light breeze from SSW and ESE. Barometer steady. Aneroid 29.82. Smooth sea. At 1.30 set starboard topgallant and topmast stunsails and took them in again at 3.30. Caled down head sails. At 3.15 set port topgallant and topmast stunsails. Course W. N. W.

11 to 6. PM. Overcast and cloudy with light passing showers. Clearing slightly latter part. At 4.15 took in port stunsails, set all the head sails, and main trysail. Aneroid barometer 29.83.

W. W. Inn Master  
6 to 8. PM. Cloudy. Light drizzle of rain last hour of watch. Sea smooth. Aneroid 29.83.

W. H. Whistler, Lieut  
8 PM to Midnight. Weather pleasant. Breeze light in force and varying in direction from SSW to ENE. Barometer steady. Aneroid barometer 29.80.

W. H. Whistler, Lieut

Moon low mid Examined and found to be correct.

Dec 14° 34' 30

Phase Last quarter

W. H. Partin  
Lieut & Navigator.

LOG of the UNITED STATES

Steamer "Essex"

3d Rate, 6 Guns,

Making passage from Honolulu, HI to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	3 7	W. N. N.	86	3			29.88	78	77	75	80	oc	annus	0	S	All plain sail to
2	4 2	"	"	3			29.86	78	77	75	80	"	"	0	"	royals except main
3	4 0	"	"	3			29.88	78	78	76	80	"	"	0	"	sail. Topsail & spanker
4	4 2	"	"	3			29.83	78	78	76	80	ocv	"	0	"	
5	4 0	"	"	3			29.81	78	78	76	80	oc	"	0	"	
6	4 5	"	"	3			29.81	78	78	76	80	ocv	"	0	"	
n	7 4 5	"	ESE	3			29.81	78	78	76	80	"	"	0	"	
26° 12'	8 4 0	"	SS E	3			29.81	78	78	76	80	"	"	0	"	
155° 45' 9	9 5 0	"	SSE	11			29.83	78	78	76	80	"	"	0	"	
10	6 0	"	"	5			29.83	80	79	76	80	bcr	cumulus	2	"	
11	6 6	"	"	5			29.80	80	80	76	80	"	"	1	"	Tacking fly jib and royals.
Noon.	7 2	"	"	5-6			29.77	80	80	76	80	"	"	1	"	

Distance run by Log since preceding Noon

96 knots 0 fathoms.

Latitude by D. R. at Noon

26° 24' 00" N

Longitude by D. R. at Noon

155° 21' 00" E

Latitude by Observations at Noon ☽

26° 21' 19" N

Longitude by Chronometer from Forenoon Observations ☽

155° 21' 30" E

1058 Current during the time      knots      fms. per hour, setting to the

—

Variation of the Compass by Amplitude ☽ observed at Sunrise

• — "

Variation of the Compass by Azimuth ☽ observed at

• — "

Water expended during the preceding 24 hours

310 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

800 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

102 " 2008 "

P. M.																	
1	7 2	W. N. N.	88 W	6			29.78	80	80	78	80	ocv	minutus	0	NW		
2	7 0	"	"	6			29.78	80	78	76	80	"	"	0	"		
n	8 4	"	"	6			29.76	79	78	76	80	oc	cumulus	0	"		
155° 00'	4 5	"	"	5			29.73	79	78	76	80	"	"	0	"		
5	7 6	"	"	6			29.73	80	80	78	80	"	"	0	"		
6	7 4	"	"	6			29.71	80	80	78	80	"	"	0	"	Single upper topsail	
n	7 0	"	"	6			29.69	80	80	78	80	"	"	0	"	St. loft stay rail	
26° 49'	8 0	"	SE	6 + 21	6		29.69	80	80	78	80	bc	cumulus	11	"		
154° 23'	9 4	"	"	7			29.64	80	81	78	80	ocv	"	0	"		
10	7 6	"	"	7			29.64	81	81	78	80	bal	"	3	"		
11	8 0	"	"	7			29.59	81	81	78	80	"	"	1	"		
Mid.	8 4	"	"	7			29.57	80	80	78	80	"	"	2	"	Tacking topgall. sails	

Longitude by Chronometer from Afternoon Observations ☽

• • "

Longitude by Chronometer from Observations \*

• • "

Variation of the Compass by Amplitude      observed at Sunset

• • "

Variation of the Compass by      at

• • "

under the command of

Commander A. H. M<sup>c</sup> Cormick

, U. S. Navy,

Friday. August 3d

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4. A.M. Gentle breeze from S. E. Barometer falling. Weather overcast and damp. Aneroid at end of watch 29.76.

*Other Lieut*

4 to 8. A.M. Overcast cloudy and rainy clearing at the close. Moderate breeze from S.E. hauling to E & E then to S & E. Aneroid barometer 29.78.

*W. M. Penn Master*

8 A.M. to Meridian. Cloudy with light showers of rain, first and last hours of watch. Smooth sea. Moderate swell from S. W. At 9.15 mustered at quarters. At 11.00 took in and furled royals and flying jib. Hurled flying jib and sent it in on deck for repairs. Barometer falling, 29.70 at end of watch. Moderate breeze gradually freshening to fresh breeze at end of watch.

*Wainright - Keeney*

*wk Lieut*

Meridian to 11. P.M. Overcast, cloudy and rainy, clearing last part. Fresh to stiff breezes from S S W. Barometer falling. Aneroid 29.65. at 11.00. Moderate broken sea. Course N. N. E.

*R. D. Penn Ensign*

11 to 6. P.M. Weather overcast and pleasant. Fresh breeze from S S W. Long swell. Barometer falling. Mustered at quarters at 11.45. The lee fore topgallant sheet parted at 6.30. took in the sail, cut down the yard preparatory to bending a new sail. Aneroid at end of watch 29.60.

*Other Lieut*

6 to 8. P.M. Cloudy and cool. Fresh breeze from S S W. Ship rolling deeply at times. Bent fore topgallant sail and crossed topgallant yard. At 6.50 weather main topsail sheet parted. took in main topsail and rove off the sheet afresh. At 7.00 took one reef in the topsails, and set fore topgallant sail. Set fore topmast stayail at 7.00. Aneroid barometer 29.60.

*W. M. Penn Master*

8 P.M. to Midnight. Cloudy. Blowing a moderate gale from S by W. Moderate sea from direction of wind. Barometer falling steadily. Dq. 57 at end of watch. At 12.00 took in topgallantsails and jibs.

*Wainright - Keeney*

*wk Lieut*

Moon Liquid Examined and found to be correct.

Dec 11° 13' 20" N

Phase New Moon

*W. J. Parker*  
Lieut & Navigator.

## LOG of the UNITED STATES

*Steamer Essex*, 3d Rate, 6 Guns,  
Making passage from Honolulu, H. I. to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Loewy.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	8 0	91d 9t	S.	5-7		29.52	81	80	78	80	bcp gl	circum 3 cum	3	R. fore top staysail. single		
2	7 5	"	"	5-7		29.49	81	80	78	80	"	"	5	" reefed topsails & foresail		
3	7 0	"	"	5-7		29.48	81	80	78	80	"	"	7	"		
4	7 5	"	"	5-7		29.46	81	80	78	80	"	"	6	"		
5	7 2	"	"	7		29.44	81	81	78	80	bcp	"	5	"		
6	7 4	"	"	7		29.40	80	80	77	80	"	"	7	"		
7	6 0	ESE	"	5-8		29.40	80	80	77	80	"	"	6	"		
27° 28'	2 0	"	"	6-7	3	29.40	80	80	79	80	"	"	7	Reefed main topsail		
153° 04'	2 5	"	SSW	6-7	3	29.42	80	80	76	80	"	"	5	Close reefed foresail, fore storm staysail, m'tysail		
10	2 5	68 E.	"	6-7	3	29.44	81	80	76	80	"	"	3	"		
11	2 5	SE	"	5-7	1	29.44	81	80	76	80	bcp	"	3	Lost in foresail and main topsail.		
Noon.	2 5	SE+S	"	5-6	1	29.44	81	79	76	80	"	circum 3 cum	6	"		

Distance run by Log since preceding Noon

153 knots 1 fathoms.

Latitude by D. R. at Noon

27° 26' 31"

Longitude by D. R. at Noon

153° 15' 18"

Latitude by Observations at Noon ☽

27° 26' 04"

Longitude by Chronometer from Forenoon Observations ☽

153° 44' 00"

Current during the time 1. L knots — fms per hour, setting to the

East

Variation of the Compass by Amplitude ☽ observed at Sunrise

" "

1057 Variation of the Compass by Azimuth ☽ observed at

" "

Water expended during the preceding 24 hours

300 gallons.

Water

during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

500 "

Coal consumed during the preceding 24 hours

1 tons 1560 lbs.

Coal remaining on hand at Noon

101 " 148 "

P. M.																	
1	1 0	West	S+W	6-7	1/2	29.48	82	81	76	80	bcp	circum 3 cum	3	R. single reefed foresail			
2	4 6	SWNW	"	6-7	1/2	29.57	82	81	76	80	bc	"	6	" reefed main topsail. Single reefed staysail			
3	5 11	"	"	6-7	1/2	29.50	82	82	76	80	bcp	"	7	" fore top staysail			
4	5 0	"	"	6-7	1/2	29.50	82	82	76	80	bcp	circum 3 cum	4	"			
5	5 0	"	SSW	5-6	1/2	29.50	80	79	75	80	"	circum 3 cum	8	16			
6	5 0	"	"	5-6	1/2	29.50	80	79	75	80	"	"	8	"			
7	5 5	"	"	6-7	1/2	29.52	79	78	75	80	"	"	5	"			
27° 41'	5 8	"	S W+S	6-7	1/2	29.52	79	78	75	80	"	"	6	"			
153° 08'	5 6	"	SSW	6-7	1/2	29.52	79	78	75	80	"	"	8	"			
10	5 8	"	"	6-7	1/2	29.52	79	78	75	80	"	"	8	"			
11	5 8	"	"	6-7	1/2	29.52	79	78	75	80	"	circum 3 cum	7	"			
Mid.	5 8	"	"	6-7	1/2	29.52	79	78	75	80	"	"	7	"			

Longitude by Chronometer from Afternoon Observations ☽

153° 44' 00"

Longitude by Chronometer from Observations \*

" "

Variation of the Compass by Amplitude observed at Sunset

" "

Variation of the Compass by at

" "

under the command of

Commander O H M<sup>o</sup> Connick

, U. S. Navy,

Saturday, August 4th, 1883.

RÉCORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and to 11 A.M. Weather equally but not unpleasant. Wind steady in direction from South and varying in force from a fresh breeze to a fresh gale. Barometer low and falling. Light passing showers of rain at intervals. Sea rough but quite regular, ship riding it easily. Took a reef in fore sail at 12.15. Aneroid barometer 29.39.

Wm Parker Lieut

11 to 8 A.M. Weather cloudy and equally. Wind freshening into a strong gale. Took a second reef in main topsail and a close reef in foresail, and foretopsail at 6.30. Wore around at 7.00, and laid the ship to on starboard tack under close reefed foresail, close reefed main topsail, fore storm stay sail, and foot of main topsail. Sent down royal jibs and topgallant studdsails out of tops and made preparations for heavy weather. Barometer low. Aneroid at end of watch 29.39. Lost one tompon, and one muzzle bag overboard by rolling of ship into the sea.

At 8 A.M. Lieut

8 A.M. to Meridian. Cloudy with occasional passing showers, clearing at the close. Wind blowing a moderate gale from S by W, slightly moderating latter part with indications of clearing weather. At 8.15 stopped fires in four after boilers. Got up fore center braces, rove off new <sup>fore</sup> topsail sheets. At 9.00 started ahead slow under steam taking in and furling main topsail and foresail. Aneroid barometer at the close 29.47.

W.M. Inn Master

Meridian to 1 P.M. Clear and pleasant with the exception of light rain squalls at 3.30. Moderate sea from direction of wind. Blowing a moderate gale from S and W. At 13.15 wore ship to N. heading W. N. W. on new tack. At 1.00 set double reefed topsails, single reefed foresail, main topsail and fore topmast stay sail. Aneroid low and steady. 29.48 at end of watch. At 1.30 stopped steaming banked fires and commenced distilling.

Wm Inn Master  
wx Lieut

1 to 6 P.M. Weather clear and pleasant though squally. Breeze stiff in squalls from S<sup>o</sup> and W<sup>o</sup>. Barometer steady at 29.50. Moderate sea, ship riding it easily. Aneroid barometer 29.49. Distilling.

Thos Parker Lieut

6 to 8 P.M. Weather partly cloudy and equally. Wind blowing a moderate gale from S<sup>o</sup> and W<sup>o</sup>. Barometer rising. Distilling <sup>fresh water</sup>. Aneroid 29.52.

At 8 P.M. Lieut

8 P.M. to Midnight. Generally clear, clouding over occasionally. Wind blowing a moderate gale from S S W. Heavy sea running and ship rolling and pitching deeply. Barometer rising. Aneroid bar. 29.54.

W.M. Inn Master

Moonlight Examined and found to be correct.

Dec 7. 12..51

Phase, New moon

W. D. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

*Steamer "Essex"*, 3d Rate, 6 Guns,  
Making passage from Honolulu, H. I. to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	5 6	W N W.	8 x 9 N.	6-7 1/2	29.53	79 78	75	79	bc	cum	5	R	double reefed topsail			
2	5 8	"	"	6-7 1/2	29.54	79 78	75	79	"	"	5	"	single reefed fore sail			
3	6 2	"	"	6-7 1/2	29.56	79 78	75	79	"	"	5	"	fore & main topgallant sail			
4	6 0	"	"	6-7 1/2	29.56	79 78	75	79	"	"	2	"	and main topsail			
5	5 5	"	SS N	5-7	29.58	77 76	74	79	ocq	cum	0	"				
6	5 0	"	"	5-7	29.60	77 76	74	79	bcg	cum	5	"				
7	5 0	"	"	5-6	29.60	77 76	74	79	"	"	7	"				
8	4 5	"	"	5-6	29.60	77 76	74	79	"	ocstrat	8	"				
9	5 0	"	8 1/2 x S.	5-6	29.62	77 76	74	79	"	"	8	"				
10	4 5	"	"	5-6	29.62	77 76	74	79	"	cum strat	8	"				
11	4 8	"	"	5-6	29.62	77 75	73	79	"	"	8	"	shook single reef out			
Noon.	5 0	"	"	5-6	29.62	77 75	73	79	"	"	9	"	of fore sail and second reef out of main topsail			

Distance run by Log since preceding Noon

123 knots 2 fathoms

Latitude by D. R. at Noon

28° 28' 52" N

Longitude by D. R. at Noon

151° 44' 00" E

Latitude by Observations at Noon ☽

28° 30' 30" N

Longitude by Chronometer from Forenoon Observations ☽

151° 55' 30" E

Current during the time 4.41 knots fms. per hour, setting to the

N 78° E

Variation of the Compass by Amplitude ☽ observed at Sunrise

• — "

1057 Variation of the Compass by Azimuth ☽ observed at

• — "

Water expended during the preceding 24 hours

330 gallons.

Water distilled during the preceding 24 hours

2100 "

Water remaining on hand fit for use at Noon

2270 "

Coal consumed during the preceding 24 hours

5 tons 300 lbs.

Coal remaining on hand at Noon

95 " 2088 "

P. M.	2 2	W N W.														
1	4 0	W N W.	8 1/2 x S.	5-6 1/2	29.62	77 75	73	79	bcg	cum str	7	R	shook one reef off fore top			
2	7 0	"	8 N	5-6 1/2	29.62	77 75	73	79	"	"	7	:	sail			
3	6 8	"	"	5-7 1/2	29.62	77 75	73	79	"	cum	5	"				
4	6 11	"	"	6-7 1/2	29.62	77 75	73	79	"	"	5	"				
5	5 11	"	"	5	29.62	77 76	74	79	bcd	"	4	H	set up topgallant sail			
6	5 11	"	"	5	29.64	77 76	74	79	"	cum strat	4	"				
7	6 0	"	8 1/2 x S.	5-6	29.65	77 76	74	77	bcg	cum	6	"				
8	5 5	"	"	4-6	29.65	77 76	74	77	"	"	8	"				
9	5 8	"	"	4-6	29.67	77 76	74	77	"	"	8	"				
10	6 0	"	"	4-6	29.67	77 77	75	77	"	"	8	"				
11	6 0	"	"	6	29.67	77 77	75	77	"	"	7	"				
Mid.	6 0	"	"	6	29.66	77 77	75	77	"	"	8	"				

Longitude by Chronometer from Afternoon Observations ☽

• • "

Longitude by Chronometer from Observations \*

• • "

Variation of the Compass by Amplitude observed at Sunset

• • "

Variation of the Compass by at

• • "

under the command of

Commander A. H. M<sup>c</sup> Cormick

, U. S. Navy,

Sunday August 5<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Clear and pleasant. Blowing a moderate gale from S by W. Moderately high sea from direction of wind. Banked fires. Distilling. Aneroid rising slowly, 29.55 at end of watch.

Warming & Keeling Lieut

11 to 8 A.M. Weather pleasant but equally. Breeze stiff in squalls from S S W. Barometer steady at 29.60. Sea rough. ship riding it well. Distilling water. Aneroid barometer 29.61.

Hal Rohr, Lieut

8 A.M. to Meridian. Weather clear and pleasant. Strong breeze from S W by E. Barometer rising. Sea subsiding. Mustered at quarters at 9.20. At 9.40 shook single reef out of foretop and second reef out of main topsail. Aneroid at end of watch 29.63. Pat. Log 83.2 at end of watch

Office Lieut

Meridian to 4 P.M. Generally pleasant, clouding over latter part. Strong breeze from S W by S. hawling to S W. At 4.2 shook one reef out of foretop sail. At 12<sup>th</sup> changed course to N W by W 1/2 W. and set main-topgallant sail. took it in at 2.20. At 2.40 stopped distilling and banked fires. Aneroid barometer 29.63.

W. W. Dunn Master

4 to 6 P.M. Cloudy. Pleasant. Fresh breeze from S W. Moderate sea. Very damp. At 5<sup>th</sup> set main topgallant sail. Aneroid steady, 29.63.

Warming & Keeling w<sup>th</sup> Lieut

6 to 8 P.M. Weather pleasant though somewhat equally. Barometer steady at 29.65. Breeze fresh in squalls from S W by S. Moderate sea running. ship riding it easily. Aneroid barometer 29.66.

Hal Rohr, Lieut

8 P.M. to Midnight. Weather clear and pleasant; misty about the horizon. Strong breeze from S W by S. Barometer steady. Aneroid at end of watch 29.67.

Office Lieut

Moon Liquid Examined and found to be correct.

Dio 3° 04' 20" N

Phase N. M.

W. H. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

Steamer *Essex* 3d Rate, 6 Guns,  
Making passage from Honolulu, H. I. to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	6	0	SW & N. SW	SW & S.	5-6		29.66	77 76	74 77	74 77	74 77	bcg	circum	7	P.	Single upper topsail
2	6	0	"	"	5-6		29.66	77 76	74 77	74 77	74 77	"	"	5	"	and fore sail, fore topsail
3	5	8	"	"	5-6		29.66	77 76	74 77	74 77	74 77	"	circum	4	"	and fore staysail
4	5	6	"	"	5-6		29.66	77 76	74 77	74 77	74 77	"	"	7	"	and spanker.
5	5	0	"	SW & N.	6		29.69	77 76	74 77	74 77	74 77	bc	circum	7	M	
6	4	0	"	"	5		29.70	77 76	74 77	74 77	74 77	"	"	4	"	
7	5	6	"	"	5		29.72	77 77	74 76	74 76	74 76	"	"	2	"	
8	6	0	"	SW	5		29.74	77 77	74 76	74 76	74 76	"	"	4	"	dropped out of topsail
9	6	0	"	SW & N.	5		29.74	77 77	74 76	74 76	74 76	"	"	4	"	set topgallant sails
10	6	0	"	SW & N.	4-5		29.76	77 76	74 76	74 76	74 76	bcg	circum	6	"	
11	5	5	SW	NW & SW	3-5		29.78	77 76	74 76	74 76	74 76	bcg	circum	5	"	
Noon.	5	0	SW & N.	"	3-5		29.78	77 76	74 76	74 76	74 76	"	"	4	"	

Distance run by Log since preceding Noon

139 knots 0 fathoms.

Latitude by D. R. at Noon

29° 51' 34" N

Longitude by D. R. at Noon

149° 44' 30" E

Latitude by Observations at Noon ☽

29° 51' 17" N

Longitude by Chronometer from Forenoon Observations ☽

149° 42' 00" E

Current during the time      knots      fms. per hour, setting to the

---

Variation of the Compass by Amplitude ☽ observed at Sunrise

---

105° Variation of the Compass by Azimuth ☽ observed at 8 A. M.

100° E

Water expended during the preceding 24 hours

330 gallons.

Water distilled during the preceding 24 hours

860 "

Water remaining on hand fit for use at Noon

2800 "

Coal consumed during the preceding 24 hours

2 tons 820 lbs.

Coal remaining on hand at Noon

92 " 1268 "

P. M.																	
n	1	5	2	NW & N.	SW & S.	3-5	1/2	29.76	78	77 76	76	bc	circum	8	M		
30° 00'	2	5	4	"	"	3-5	1/2	29.76	78	78	76	76	"	"	6	"	
149° 36'	3	6	0	"	W.	8-5	1/2	29.76	79	79	76	76	"	circum	8	"	
4	2	5	"	Living ship	"	5		29.76	79	79	76	76	"	"	5	"	
5	"	"	"	"	"	5		29.74	79	79	76	76	"	"	6	"	
6	"	"	"	"	"	5		29.74	79	79	76	76	"	circum	4	"	
n	7	6	0	NW & N.	"	5		29.75	79	79	75	76	"	"	4	"	
30° 18'	8	6	6	SW & N.	"	5		29.75	79	77	75	76	"	"	6	"	
149° 25'	9	11	5	"	W & S	4		29.77	79	77	75	76	b	over	10	"	
10	14	5	"	"	"	4		29.78	78	77	75	76	"	"	10	"	
11	5	0	"	"	"	4		29.79	78	77	75	76	bc	cir	9	"	
Mid.	5	5	"	"	"	5		29.79	78	77	75	76	"	"	9	"	

Longitude by Chronometer from Afternoon Observations ☽

149° 41' 00"

Longitude by Chronometer from Observations \*

---

Variation of the Compass by Amplitude observed at Sunset

---

Variation of the Compass by at

---

under the command of

Commander A. H. M<sup>c</sup>Gowenck

, U. S. Navy,

Monday. August 6<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather variable, alternately clouding over and clearing. Strong breeze from S W by S. with light squalls. At 2.50 the weather <sup>main</sup> gallant sheet parted, and the hooks were lost overboard. Took the sail in, bent the sheet afresh, and set the sail. Aneroid bar. 29.66.

W. M. O'onn Master

4 to 8 A.M. Cloudy most of watch with occasional breaks in the clouds. Fresh breeze from S W by W. Moderately high sea. At 5<sup>o</sup> turned rags out of topsails and set topgallantsails and jib. Clearing weather at end of watch. Aneroid rising slowly. 29.70 at end of watch.

8 AM to Meridian. Weather pleasant, barring a passing shower of rain in first part of watch. Breeze fresh in squalls, varying in direction from S W to W S W. Barometer steady. At 9.15 mustered at quarters. Ships banked in four after furnaces. Sent up and crossed royal yards. Aneroid barometer 29.73.

Meridian to 11 P.M. Weather clear and pleasant. Fresh breeze from S<sup>o</sup> and W<sup>o</sup>. Moderate sea. Barometer steady. At 3<sup>o</sup> shortened and furled all sail. Started ahead under strain at 3.25, and commenced swinging ship. Sent down preventer braces. Hove stemsail gear. Painted sailing launch. Aneroid at end of watch 29.69.

11 P.M. to 6 A.M. Weather cloudy. Moderate breeze from N<sup>o</sup>. Finished swinging ship at 5.50, and set fore topmast staysail, main topsail and foretop sail bringing ship by the wind. Aneroid barometer 29.70.

W. M. O'onn Master

6 to 8 P.M. Clear and pleasant. Light breeze from West. Smooth sea. At 6<sup>o</sup> stopped steaming banked fires and disconnected screws heaved all hands, and made sail to topgallantsails. Aneroid 29.72.

8 P.M. to Midnight. Clear weather. Moderate to fresh breeze from W by S. Barometer rising. Sea smooth. Ship steady. Bright starlight, Aneroid barometer 29.75

Midnight, Lem

Moon mid Examined and found to be correct.

Dec 1° 06' 56" S

Phase N.M.

W. H. Parker  
Lem & Navigator.

LOG of the UNITED STATES

Steamer "Essex"

3d Rate, 6 Guns,

Making passage from Honolulu. H. I. to Yokohama. Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	5	6	60° N 10° W	N & S	5	1/2	29.79	78	77	75	76	bc	circum	6	M	Job fore top and fore staysail
2	5	8	10° N	"	6	1/2	29.78	78	77	75	76	bcp	circum nimbus	5	"	Stayls, foresail, topsails
3	6	0	10° N 10° W	"	5	1/2	29.78	78	77	75	76	"	"	4	"	topgallantsail & main topsail
4	6	0	"	"	5	1/2	29.78	78	77	75	76	bc	"	1	"	
5	4	5	"	"	4	29.78	78	77	76	76	"	"	"	4	"	
6			Swinging ship	"	4	29.78	78	77	76	76	"	"	"	4	"	Look in all sail
7	2	0	N.	"	4	29.78	78	77	76	76	bcp	"	"	4	"	
8			Swinging ship	"	4	29.78	78	77	76	76	bc	"	"	2	"	
10	2	6	60° N 10° W	"	4	29.79	78	77	75	76	"	circum	1	S.	Set fore and aft sails except flying jib. Look in all sail	
11	6	0	"	"	3	29.79	79	78	76	76	"	"	"	5	"	
Noon.	6	0	"	W N W	2	29.80	79	78	76	76	"	"	"	7	"	
				"	2	29.80	79	79	77	76	"	"	"	6	"	

Distance run by Log since preceding Noon

98 knots 7 miles

Latitude by D. R. at Noon

31° 12' 05" N

Longitude by D. R. at Noon

148° 41' 45" E

Latitude by Observations at Noon ◎

31° 08' 45" N

Longitude by Chronometer from Forenoon Observations ◎

148° 55' 00" E

Current during the time 0.46 knots — fms per hour, setting to the

874.8

Variation of the Compass by Amplitude ◎ observed at Sunrise

"

1036

Variation of the Compass by Azimuth ◎ observed at 8 A. M.

1° 00' E

Water expended during the preceding 24 hours

320 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2470 "

Coal consumed during the preceding 24 hours

6 tons 60 lbs.

Coal remaining on hand at Noon

87 " 1208 "

P. M.	3	0	44° + 24° / 2 W	W N W													
1	3	0	91° N N	"	3	29.80	80	79	76	76	bc	circum stratus	3	8			
2	6	0	"	"	3	29.80	80	79	75	76	"	cumulonimbus	3	"			
3	5	0	"	"	3	29.80	80	79	75	76	"	circum nimbus	2	"			
4	4	5	"	"	3	29.80	80	79	76	76	ocd	"	0	"			
5	3	5	"	W N W	3	29.78	80	77	75	77	"	cumulonimbus	0	"			
6	4	4	"	"	3	29.78	80	77	75	77	"	"	0	"			
7	4	8	"	"	3	29.76	80	76	74	77	ocp	"	0	"			
8	4	8	"	"	3	29.76	80	76	74	77	oc	"	0	"			
9	4	8	"	West	3	29.77	80	76	74	77	bc	circum	7	"			
10	4	0	"	"	2	29.77	80	78	76	77	"	"	7	"			
11	4	0	"	"	2	29.77	80	78	76	77	"	"	8	"			
Mid.	5	0	"	"	2	29.77	80	78	76	77	"	"	8	"			

Longitude by Chronometer from Afternoon Observations ◎

"

Longitude by Chronometer from Observations \*

"

Variation of the Compass by Amplitude ◎ observed at Sunset

"

Variation of the Compass by at

"

under the command of

Commander A. H. M<sup>o</sup> Connick

, U. S. Navy,

Tuesday, August 7<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Weather partly cloudy with occasional squalls of rain and wind. Barometer steady. Fresh breeze from N<sup>E</sup>. Aneroid at end of watch 29.73.

~~Officer~~ Lieut

11 to 8. A.M. Cloudy but pleasant. Light passing showers latter part. Moderate breeze from West. At 5<sup>oo</sup> spread fires and wore ship to the S<sup>E</sup>, took in top gallant sails and foresail and commenced swinging ship. At 5<sup>40</sup> went ahead under steam, took in and fueled topsails and fore and aft sail. At 6<sup>25</sup> being interrupted by rain put ship on course West. At 6<sup>50</sup> resumed swinging ship continuing remainder of watch. Aneroid barometer 29.73.

W.W. Inn Master

8 A.M. to Meridian. Clear and pleasant first three hours of watch. cloudy last hour. Light breeze from N by E first two hours. N W last two. At 8.30 stopped swinging ship and stood off on course N N by W<sup>1/2</sup> W. Smooth sea. At 8.30 set all fore and aft sail and at 10<sup>oo</sup> took them in. Steaming under four boilers. Patent log at end of watch 18<sup>3/4</sup>. Aneroid falling slowly. 29.72 at end of watch. ~~Winnipeg-Kelogg~~

Meridian to 1 P.M. Weather pleasant. Gentle breeze from N by S. Barometer steady. Under steam, pressure 45 lbs, and 35 revolutions. At 12.30 changed course to N N by E. order of Captain. Cut flying jib. At 3.30 made preparations to swing ship and listed ship to starboard by running up the two forward starboard boilers and pivoting ship's rifle and 60 pdr. B & R. to starboard. Aneroid barometer 29.71.

~~Officer~~ Lieut  
Had trouble, went

11 to 6. P.M. Weather overcast with light drizzling rain. Barometer falling. Light breeze from W N W. Moon tried at quarters at 4.45. Lost one N.R. chair overboard from rolling of ship. Aneroid at end of watch 29.69.

~~Officer~~ Lieut

6 to 8. P.M. Overcast and cloudy with passing showers first hour. Light breeze from N N W. Long swell and ship rolling deeply at times. Aneroid barometer 29.70. Revolutions 32.8. Steam pressure 38. Patent log read 91 miles at 8.00

W.W. Inn Master

8 P.M. to Mid night, Clear and pleasant. Light airs from West. Long swell from N<sup>E</sup>. Moon set at 8.30. Steaming under six boilers last two hours. under four first two. Started fires under two starboard boilers at 8. P.M. Patent log at end of watch 8<sup>3/4</sup>. Aneroid 29.71. ~~Winnipeg-Kellogg~~ Lieut

Moon mid Examined and found to be correct.

Dec 4° 40' 26" S

Phase N. M.

W. D. Parker  
Lieut, Navigator.

LOG of the UNITED STATES

Steamer "Essex"

3d Rate, 6 Guns,

Making passage from Honolulu, H. I. to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	6.0	W N W	W N W.	3			29.78	78	77	73	77	b0	cir	9	S	
2	7.0	"	"	3			29.79	78	77	73	77	"	circum	6	"	
3	7.0	"	"	3			29.79	78	78	74	77	"	cir	9	"	
4	7.0	"	West	11			29.79	78	78	74	77	"	"	9	"	
5	7.0	"	"	4			29.79	78	78	74	77	"	Cirrus	7	"	
6	6.5	"	"	3			29.79	78	78	74	78	"	"	6	"	
7	Swinging ship	"	"	3			29.79	78	77	74	78	"	"	8	"	
8	"	"	"	3			29.80	78	78	74	78	"	"	8	"	
9	5.2	W N W	W by N.	3			29.78	79	77	74	78	"	"	7	"	
10	6.6	"	"	3			29.78	80	79	74	78	"	"	7	"	
11	7.0	"	"	3			29.78	80	79	75	78	"	"	7	"	
Noon.	7.4	"	"	3			29.78	80	79	75	78	"	"	7	"	

Distance run by Log since preceding Noon

119.5 knots fathoms.

Latitude by D. R. at Noon

31° 55' 57" N

Longitude by D. R. at Noon

146° 38' 00" E

Latitude by Observations at Noon ☽

31° 49' 00" N

Longitude by Chronometer from Forenoon Observations ☽

146° 45' 00" E

Current during the time .38 knots fms. per hour, setting to the

S 41° E

1036 Variation of the Compass by Amplitude ☽ observed at Sunrise

. . "

Variation of the Compass by Azimuth ☽ observed at f. a. m.

0° 04' 00

Water expended during the preceding 24 hours

330 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1720 "

Coal consumed during the preceding 24 hours

13 tons 280 lbs.

Coal remaining on hand at Noon

74" 928 "

P. M.	8.0	W N W															
1	14.0	W N W 1/2 N	W by N.	0			29.79	82	81	76	78	b0	cir	8	S		
2	6.2	"	"	3			29.79	82	81	76	78	"	"	6	"		
3	6.6	"	"	11			29.78	83	82	75	78	"	Circum	4	"		
4	5.0	"	"	11			29.78	83	82	75	78	"	"	5	"		
5	Swinging ship for Compass Deviations	West	3				29.78	81	80	75	78	"	Cumulus	7	"		
6	"	W S W	3.5				29.78	81	80	75	78	b0	Circum	5	"		
7	3.0	N W 1/2 N	West	3.5			29.80	81	80	75	78	"	Cumulus	4	"		
8	6.5	"	"	3.5			29.80	81	80	75	78	"	"	5	"	Set fore and aft sails and took them in	
9	6.2	"	"	3.5			29.80	81	80	75	78	"	"	6	"		
10	7.5	"	"	3.5			29.80	81	80	75	78	"	"	7	"		
11	7.2	"	"	4			29.80	80	79	74	78	"	"	7	"		
Mid.	7.0	"	"	4			29.80	80	79	74	78	"	"	7	"		

Longitude by Chronometer from Afternoon Observations ☽

146° 34' 00"

Longitude by Chronometer from Observations \*

. . "

Variation of the Compass by Amplitude observed at Sunset

. . "

Variation of the Compass by at

. . "

under the command of

Commander A. H. McCormick

, U. S. Navy,

Wednesday August 8th , 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Weather clear and pleasant. Breeze light to moderate N to N N W. Barometer steady. Ship under steam. Pressure 50 lbs, and 46 revolutions. Aneroid barometer 29.70.

*Had Robur Lieut*  
11 to 8 A.M. Weather clear and pleasant. Gentle breeze from N<sup>E</sup>, Smooth sea. Barometer steady. Heeled the ship to starboard and at 5.10 commenced swinging ship. Aneroid at end of watch 29.71

*Phas Lieut*  
8 A.M. to Meridian. Clear and warm. Moderate breeze from N by E. Smooth sea. Pivoted 8 in Rifle from starboard to port. Aneroid barometer 29.68. At 8.15 put ship on course N N W. Put over patent log registering 46.1.

*W. W. Winn Master*  
Meridian to 11 P.M. ~~had~~ greater part of watch cloudy at intervals. Moderate breeze from N by N. Moderate sea. Steaming under six boilers. At 12.30 changed course to N N W. by N<sup>E</sup> W. Patent log at end of watch read 96<sup>3</sup>/<sub>4</sub>. Aneroid 29.68.

*Winnings Lieut*  
11 to 6 P.M. Weather pleasant. Breeze fresh in squalls from N to N S W. Barometer steady. Under steam pressure 50 lbs, and 37 revolutions. Swinging ship for compass deviation, ship listed to port. Aneroid barometer 29.70.

*Had Robur Lieut*  
6 to 8 P.M. Clear and pleasant. Moderate breeze from N. Smooth sea. Barometer steady. Mustered at quarters, at 6.10. Finished swinging ship, and put the ship on an even keel. Sent down top gallant and royal yards, at 6.30. At 7.15 set fore and aft sail, except flying jib, and changed course to N W by N. At 7.30 changed course to N W by N<sup>E</sup> W and took in fore and aft sail. Aneroid at end of watch 29.76.

*Phas Lieut*  
8 P.M. to Midnight. Pleasant weather. Moderate breeze from West. Moderate sea. Moon set at 9.30. Aneroid barometer 29.71. Steam 50 lbs, revolutions 45. Patent log at end of watch 131.5.

*W. W. Winn Master*

Moon mid Examined and found to be correct.

Dec 8° 42' 50" S

Phaseo N.M.

*W. J. G. Parker  
Lieut Navigator.*

## LOG of the UNITED STATES

*Steamer Essex*, 3d Rate, 6 Guns,  
Making passage from Honolulu, H. I. to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	6	5	NW <sup>W</sup> N <sup>E</sup> W <sup>W</sup> N <sup>E</sup>	W <sup>W</sup>	3		29.79	79.79	74.78	74.78	74.78	bc	cum	7	8	
2	7	0	"	"	2		29.78	79.79	74.78	74.78	74.78	"	"	7	"	
3	6	6	"	"	2		29.78	79.79	74.78	74.78	74.78	"	"	6	"	
4	14	5	"	"	2		29.78	79.79	74.78	74.78	74.78	"	"	6	"	
5	4	0	"	"	14		29.80	79.79	74.78	74.78	74.78	"	cum obs	5	"	
6	5	0	"	NW <sup>W</sup>	3		29.81	80	74.80	74.80	74.80	"	"	6	"	
7	6	0	"	W <sup>W</sup> N <sup>E</sup>	3		29.82	81	74.80	74.80	74.80	bcp.	"	4	"	
8	6	4	"	NW <sup>W</sup> N <sup>E</sup>	3		29.83	80	74.80	74.80	74.80	"	"	5	"	
9	6	2	"	"	3		29.83	81	74.80	74.80	74.80	bc	cum	6	"	
10	5	7	"	"	3		29.83	81	74.80	74.80	74.80	"	"	6	"	
11	5	7	"	"	3		29.83	81	74.80	74.80	74.80	"	"	7	"	
Noon.	6	4	"	"	2		29.84	82	74	80	74	"	"	5	"	

Distance run by Log since preceding Noon

132.2 knots fathoms.

Latitude by D. R. at Noon

32° 50' 26" N

Longitude by D. R. at Noon

144° 18' 11" E

Latitude by Observations at Noon ☽

32° 23' 00" N

Longitude by Chronometer from Forenoon Observations ☽

144° 09' 00" E

Current during the time 1.1 knots — fms per hour, setting to the

174° W

1035 Variation of the Compass by Amplitude ☽ observed at Sunrise

• " "

Variation of the Compass by Azimuth ☽ observed at 8. A. M.

10.00 W

Water expended during the preceding 24 hours

340 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1100 "

Coal consumed during the preceding 24 hours

15 tons 700 lbs.

Coal remaining on hand at Noon

59 " 225 "

P. M.	3	0	NW <sup>W</sup> N <sup>E</sup> W <sup>W</sup>	W <sup>W</sup>	3		29.81	82	74	80	74	bc	cum	6	8	
1	3	2	NW <sup>W</sup> N <sup>E</sup>	W <sup>W</sup>	3		29.84	82	74	80	74	"	"	6	"	Set fore and aft sails
2	5	8	"	NW <sup>W</sup> S.	3		29.84	82	74	80	74	"	"	6	"	except main try sail
3	6	4	"	"	3		29.82	82	74	80	74	"	"	7	"	
4	7	0	"	"	3		29.84	82	74	80	74	"	"	7	"	
5	6	8	"	"	3		29.86	83	72	77	80	"	"	7	"	
6	6	8	"	"	3		29.87	83	72	77	80	"	"	7	"	
7	7	0	"	"	3		29.88	82	71	77	80	"	cum obs	6	"	Set main try sail
8	7	0	"	"	3		29.87	80	80	77	80	"	"	7	"	
9	6	8	"	"	3		29.90	80	80	77	80	"	cum	7	"	
10	6	6	"	"	3		29.90	80	80	77	80	"	"	7	"	
11	7	0	"	"	3		29.90	80	79	77	80	"	cir	6	"	
Mid.	7	2	"	S <sup>W</sup> N <sup>E</sup>	11		29.90	80	79	77	80	"	"	7	"	

Longitude by Chronometer from Afternoon Observations ☽

144° 03' 00" E

Longitude by Chronometer from Observations \*

• " "

Variation of the Compass by Amplitude observed at Sunset

• " "

Variation of the Compass by at

• " "

under the command of

Commander A. H. McCormick, U. S. Navy,  
Thursday August 9th, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Clear and pleasant. Light breeze from West. Smooth sea. At 2.30 on account of bursting of surface blow. pipe of starboard after boiler hauled fire under port forward boiler. Aneroid 29.73. Waimingee-Keeoye

4 to 8 A.M. Weather pleasant. Breeze gentle to moderate from N by E to N by W. Barometer rising. Under steam, pressure 50 lbs and 37 revolutions. Aneroid barometer 29.77. W.M. Lumb

8 AM to Meridian. Weather clear and pleasant. Moderate breeze from S by E by N. Barometer steady. Mustered at quarters at 9.15 Crew at work preparing for port. Painting hammock cloths and white streak outside. Redring off topgallant, and royal braces, and attending to general work about decks. Aneroid at end of watch 29.76. W.M. Lumb

Meridian to 11 P.M. Clear and warm. Light breeze from West. hauling to W by S. Long swell from N.E. and ship rolling deeply at times. At 12.28 changed course to N.W by W. At 2.10 set all fore and aft sails except main trysail. Patent log at end of watch recorded 127. W.M. Lumb

11 to 6 P.M. Clear and pleasant. Light breeze from W by S. Smooth sea, Set main trysail. Steaming under six boilers. Aneroid 29.76. Waimingee-Keeoye

6 to 8 P.M. Weather clear and pleasant. Gentle breeze from W by S. Barometer steady. Under steam and fore and aft sail pressure of steam 52 lbs and 42 revolutions. Sea smooth. Aneroid barometer 29.80. W.M. Lumb

8 PM to Midnight. Weather clear and pleasant, Quite to moderate breeze from W by S. Barometer steady. Aneroid at end of watch 29.83. W.M. Lumb

Moonlight Examined and found to be correct.

Dec 12° 08' 40" S

Phase N.m.

W. M. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

*Steamer "Essex"*, 3d Rate, 6 Guns,  
Making passage from Honolulu, H. I. to Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	7	6	N N by E	W by S	3		29.82	80	79	76	80	b.c.	Cirrus	7	8	Sail and staysail
2	7	2	"	"	3		29.82	80	79	77	80	"	"	7	1	except flying jibs
3	7	8	"	"	3		29.82	80	79	77	80	"	"	8	1	
4	7	4	"	"	3		29.82	80	79	77	80	"	"	8	"	
5	7	6	"	"	3		29.84	82	81	77	80	"	"	8	"	
6	7	2	"	"	3		29.88	82	81	78	80	"	"	7	"	
7	7	2	"	"	3		29.92	82	81	78	80	"	"	7	"	
8	7	4	"	"	3		29.94	82	81	78	81	"	"	7	"	
9	7	0	"	"	3		29.98	81	80	77	81	"	Cirrus	4	"	
10	7	0	"	N N by E	3		29.98	82	81	77	81	"	Cirrus	5	"	
11	7	5	"	"	3		29.98	82	81	78	81	"	Zonibus	11	"	Sail up for sail
Noon.	10	5	"	"	3		29.98	82	82	78	81	b.c.p.	"	4	"	

Distance run by Log since preceding Noon

172 knots 5 fathoms.

Latitude by D. R. at Noon

33° 50' 24" N

Longitude by D. R. at Noon

141° 05' 45" E

Latitude by Observations at Noon ☽

33° 56' 00" N

Longitude by Chronometer from Forenoon Observations ☽

141° 05' 15" E

1035 Current during the time 1.25 knots fms. per hour, setting to the

N.

Variation of the Compass by Amplitude ☽ observed at Sunrise

• " "

Variation of the Compass by Azimuth ☽ observed at 8. A. M.

3° 00' 00" W

Water expended during the preceding 24 hours

330 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1070 "

Coal consumed during the preceding 24 hours

14 tons 1840 lbs.

Coal remaining on hand at Noon

44 " 628 "

P. M.	3	0	N N by W														
1	5	0	N N by E	W by N	3		29.97	85	83	78	81	b.c.	Cirrus	11	8		
2	7	8	"	"	3		29.97	84	84	78	81	"	"	11	"		
3	7	5	"	"	3		29.96	84	84	78	81	"	"	5	"		
4	7	6	"	"	3		29.96	84	84	78	81	"	Cirrus	3	"		
5	7	6	"	"	3		29.94	84	84	78	81	"	Zonibus	3	"		
6	7	2	"	"	3		29.94	84	84	78	81	"	Cirrus	3	"		
7	7	4	"	"	3		29.94	83	82	78	81	"	"	6	"		
8	7	6	"	"	3		29.96	82	81	76	81	"	"	6	"		
9	7	0	N N by E	W by S	3		29.98	82	81	78	81	"	Air	9	"		
10	7	5	"	"	11		29.98	82	81	78	81	"	"	9	"		
11	7	5	N N by E	W by S	3		29.99	82	81	78	81	b.	Zonibus	10	"		
Mid.	6	0	N N by E	"	1		29.99	81	81	78	81	"	"	10	"		

Longitude by Chronometer from Afternoon Observations ☽

• " "

Longitude by Chronometer from Observations \*

• " "

Variation of the Compass by Amplitude observed at Sunset

• " "

Variation of the Compass by at

• " "

under the command of

Commander A. H. M'Comick, U. S. Navy,  
Friday, August 10th, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences, and until 11 A.M. Clear and pleasant, Moderate breeze from N by S. Long swell from N.E. Aneroid barometer 29.82. The after hock of the flying jib carried away, hauled it down and stowed it.

W. W. Smith Master

4 to 8 A.M. Clear and pleasant, Light breeze from N by S. Smooth sea, Steaming under six boilers. Aneroid 29.86.

Wainwright-Keevy Lieutenant

8 A.M. to Meridian. Weather pleasant, Gentle breeze from N by S to N.W. Barometer steady. Took in fore and aft sail at 10. The wind hauling ahead. Under steam, pressure 58 lbs and 43 revolutions. A light passing shower of rain in last hour of watch. Aneroid barometer 29.85.

Mark Roberts Lieutenant

Meridian to 1 P.M. Weather clear and pleasant, Gentle breeze from N.N.W. Smooth sea, Barometer steady. At 12.20 changed course to N 1/4 W. Patent log registering 77.2. Sighted Mikuro Island abt. 45 bearing N by S, and Miaka Island at 2.15. At end of watch Mikuro bore N 8 W and Miaka N by S. Aneroid, at end of watch 29.81.

John Parker Lieutenant

4 to 6 P.M. Clear and pleasant, Gentle breeze from N.N.W. Smooth sea, At 4.05 sighted land 3 1/2 points on port bow bearing N 1/4 W. at 5. crooked topgallant yards and square yards. At 5.05 sighted land on starboard bow bearing (pc) N. N. W. Making preparations for port Aneroid barometer 29.83.

W. W. Smith Master

6 to 8 P.M. Cloudy and pleasant, Light airs from N.N.W. Smooth sea, At 7.20 sighted No Sina light. At 7.50 No Sina bore S.E. 3/4 W. Steaming under six boilers. Aneroid 29.83. At 8. changed course to N.W. by N.

Wainwright-Keevy

John Parker Lieutenant

8 P.M. to Midnight, Weather clear and pleasant. Breeze light to moderate from N to N by S. Under steam, pressure 47 lbs and 42 revolutions. At 10.22 changed course to N.N.W. at 10.51 to N by E. and at 11. to N by E 1/2 E. all by order of Captain. At 10.50 I saw no Sina light bore S.E. 1/4 E and No Sina light bore E.S.E. 1/4 E. Lost sight of No Sina light at 10.55. and sighted Gedunice Saki light and shortly after a green light about two points to port and a red light about two points to starboard of it. Aneroid barometer 29.84.

Mark Roberts Lieutenant

Moonlight Examined and found to be correct.

Dec 14. 59. 30 S'

Phase, 1. Qr

W. H. Parker  
Lieutenant Navigator.

## LOG of the UNITED STATES

Steamer "Esso"      3d Rate, 6 Guns,  
Making Passage from Honolulu, H. I. to Yokohama, Japan

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	6	0	S 1/2 E.	N	2		29.97	81	81	78	81	b0	Cir	9	8	
2			Standing up Yeddo	"	2		29.97	80	80	78	81	"	"	9	"	
3			Day for Anchorage	N 1/2 W	2		29.96	80	79	77	81	"	"	8	"	
4			in Yokohama	N.	2		29.97	80	79	77	81	"	Clouds	7	"	
5			Harbor.	N 1/2 W	2		29.96	80	79	77	81	"	"	1	"	
6			Anchored	N N W	1		29.96	80	79	77		"	"	1	"	
7			Ship's Head	N N W	1		29.96	80	78	76		b0	"	0	"	
8			"	"	1		29.96	80	78	76		"	"	0	"	
9			"	"	1		29.99	82	79	76		b0 cu	"	0	"	
10			"	Calm	0		29.99	82	80	77		"	"	0	"	
11			S E	"	0		30.00	82	81	78		bew	"	1	"	
Noon.			S S E.	S E x C	1		30.00	82	82	75		"	"	6	"	

Distance run by Log since preceding Noon

101.2 knots — fathoms.

Latitude by D. R. at Noon

° " "

Longitude by D. R. at Noon

° " "

Latitude by Observations at Noon ☺

° " "

Longitude by Chronometer from Forenoon Observations ☺

° " "

Current during the time      knots      fms. per hour, setting to the

° " "

Variation of the Compass by Amplitude ☺ observed at Sunrise

° " "

Variation of the Compass by Azimuth ☺ observed at

° " "

Water expended during the preceding 24 hours

350 gallons.

Water distilled during the preceding 24 hours

200 "

Water remaining on hand fit for use at Noon

920 "

Coal consumed during the preceding 24 hours

9 tons 11/40 lbs.

Coal remaining on hand at Noon

341 " 11/28 "

P. M.																
Anchored			E S E	S S E.	1		30.00	81	83	79		b0z	Clouds	7	8	
2	"	"	"	S S E.	1		30.00	81	84	79		"	"	7	"	
3	"	"	"	"	2		30.00	81	84	79		"	"	8	"	
4	"		S S E.	S N W	2		30.00	81	84	77		"	"	8	"	
5	"		S x N	S x N	3		30.00	80	84	77		"	"	6	"	
6	"	"	"	"	2		30.00	80	84	77		"	"	7	"	
7	"	"	"	"	2		30.00	84	83	76		"	"	7	"	
8	"	"	"	"	2		30.00	83	82	76		"	"	8	"	
9	"	"	"	"	1		30.02	83	82	78		"	"	8	"	
10	"	"	"	"	1		30.02	83	82	78		b0h	"	8	"	
11	"	"	"	"	1		30.02	83	81	77		"	"	8	"	
Mid.	"	"	"	"	1		30.02	82	81	77		"	"	7	"	

Longitude by Chronometer from Afternoon Observations ☺

° " "

Longitude by Chronometer from Observations \*

° " "

Variation of the Compass by Amplitude      observed at Sunset

° " "

Variation of the Compass by      at

° " "

under the command of

Commander A. G. M<sup>o</sup> Comick, U. S. Navy,  
Saturday, August 11<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Weather clear and pleasant. Light airs from N<sup>o</sup> and W<sup>o</sup>. Barometer steady. Standing up Yeddo Bay under the direction of the Commanding Officer, changing course at intervals to suit the channel. At end of watch light ship bore N N W, distant about three miles. Arrived ~~about~~ end of watch 29.85. Steam pressure 48. Revolution 32.

*After* Lieut

11 to 8 A.M. Overcast, and cloudy. Light breeze from S by N. hauling to S. S. W. Standing up Yeddo Bay under direction of Commanding Officer. At daylight sighted U.S.S. "Richmond" at anchor in Yokohama Harbor; exchanged ~~numbers~~ signals with her. At 5<sup>15</sup> made signal (out) 121. Richmond answered 904. At 5.20 let go starboard anchor in 5½ fms of water, veering to 30 fathoms on chain. Banked fires and commenced distilling. Periods of anchorage, Mardani Bluff S by E ¼ E. English Ngatabar S by W ½ W. Shipped end S. W.

*W. M. Comick* Master.

8 A.M. to Meridian. Cloudy. Misty. Light variable airs. At 9.30 mustered at quarters. At 8.25 Flagship made signal 1017, at 10.<sup>00</sup> 829, and at 11.00 1087. At 11.<sup>00</sup> made signal 4561. Flagship made signal 904. Hauled fires under four boilers, commenced distilling. Arrived 29.89.

*Wainwright Keeney* Lieut  
Merid to 1. P.M. Clear and warm. Hazy around horizon. Light airs and breezes from E S E and S S E. Barometer steady. Arrived 29.84. Painting ship outside. Distilling. At 3.10 "Richmond" made general signal 1087. Hoisted Guard flag at 1.00.

*H. D. Dunn* Ensign

4 to 8 P.M. Clear and pleasant. Light breeze from S by W. At 4.50 mustered at quarters. At 4.<sup>00</sup> Flagship made signal 1087. Arrived 29.86.

*Wainwright Keeney*

*W. K. Keeney*

8 P.M. to Midnight. Clear pleasant weather. Lighting around horizon. Light airs from S by W. Barometer steady. Arrived 29.88.

*H. D. Dunn* Ensign

Moon high Examined and found to be correct.

Dec 17 16, 38" S'

Phase 1. Qr.

*W. H. Parker*  
Lieut Navigator.



under the command of

Commander A. G. M<sup>o</sup> Cornick U. S. Navy,

Sunday. August 12th, 1883

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather clear and pleasant, Breeze very light in force, and variable in direction. Distilling. Aneroid barometer 29.88.

Karl Rohr, Lieut

4 to 8 A.M. Cloudy. Warm. Light variable airs. Aneroid 29.88.

Wainwright-Kerr, Lieut

8 A.M. to Meridian. Cloudy, warm and cutting. Light airs from S.W. by N. and S.E. Barometer steady. Aneroid 29.90. At 9.30 made general signal 577, numeral 0. Called all hands to muster and read general order No. 306, and circulars 33 and 34, also "articles for the better government of the Navy." Mustered over. At 10.00 made general signal 581, numeral 5 to Flagships. The quarterly board of survey condemned and threw overboard four 4' cans of preserved beef

H. D. Dunn, Ensign.

Meridian to 4 P.M. Weather clear and pleasant, Light to quite breeze from S.E. to S.E. + S. Barometer falling. Cirro-cumulus, and cumulus clouds. Iris banked. Aneroid barometer 29.84.

Karl Rohr, Lieut

4 to 8 P.M. Cloudy and warm. Light airs from S by E. Calm last hour. Barometer steady. Aneroid 29.83. Served out Shaw hammocks at evening quarters.

H. D. Dunn, Ensign.

8 P.M. to Midnight. Weather clear and pleasant, Calm. Barometer steady. Iris banked. Aneroid barometer 29.81.

Karl Rohr, Lieut

Moon 1 mid Examined and found to be correct.

Dec 18. 49. 36 8'

Phase 1. gr

W. A. Parker  
Lieut. Navigator.



under the command of

Commander A. G. M<sup>c</sup> Connick

, U. S. Navy,

Monday, August 13, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Weather clear and warm. Calm. Barometer steady. Aneroid 29.82.

11 to 8 A.M. Cloudy, warm and hazy. Light airs from N.W. Barometer steady. Aneroid 29.87. At 7.25 Flagship made general signal 607. Crossed royal yards.

8 A.M. to Meridian. Weather hot. Light airs from E to N.E by E. Barometer falling. Rose off topgallant mast tops. At 9.30 mustered and inspected crew at quarters. Canceled fires. At 9.00 Flagship made signal 1087. Answd. At 10.08 she made Signal No 5999. Answd. and at 10.59 she made signal 2520. At 9.00 we made signal numeral 08. At 10.00 we made signal numeral 1. Exercised 1st, 2d, 3d and Masters divisions at Pistol drill. Aneroid 29.84.

Meridian to 11 P.M. Weather clear and hot. Light airs from N.E and E. Barometer falling. Two '2' Boards of Survey of which Lt. Comdr. E.S. Houston and Lieut. J. J. Gunter, are the senior members, respectively, arrived on board at 1.15 for the examinations of articles in Ordnance, Navigation and Equipment Departments. Aneroid at end of watch 29.98.

11 to 8 P.M. Weather clear and hot. Light airs from S.E. Barometer steady. At 11.45 mustered at quarters. At 8<sup>th</sup> Flagship made signal No. 1087. Answd. At 6.<sup>45</sup> she made No 640. Answd and sent down royal and topgallant yards and topgallant masts, hauled light sails. Aneroid barometer 29.00.

8 P.M. to Midnight. Weather clear and hot. Calm. Moonlight. Barometer rising. Aneroid at end of watch 30.00

Karl Rohr, Lieut

C.P.R. Lieut

C.P.R. Lieut

Moon limb Examined and found to be correct.

Dec 19, 31. 19 S  
Phase 1. 9m.

W. H. Parker  
Lieut & Navigator.



under the command of

Commander A. H. M<sup>o</sup> Cornwick

, U. S. Navy,

Tuesday. August 14<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. cloudy and damp. Light airs from N.N.E. Barometer steady. Aneroid barometer 30.03.

W.W. Smith Master  
4 to 8 A.M. Weather clear and pleasant. Light airs from N.N.E. to N by E. Barometer steady. Clouds cirrus and cirro-cumulus. At 7<sup>th</sup> Flagship made signal 3357, and at 7.25. 6141, both of which we answered. Sent up topgallant masts and crossed topgallant yards. The English steamer "Arabic" came in and anchored. Received on board for crew 89 lbs of beef and vegetables and 65 loaves of bread. Aneroid barometer 30.04.

W.W. Smith Master  
8 A.M. to Meridian. Weather clear and hot. Light airs from E by S. Barometer steady. Mustered at quarters at 9.30, and instructed divisional officers verbally. Crew engaged in general work about decks. Captain J. S. Merrill, U.S.N. Chief of Staff, Pacific Station, visited the ship at 11.00. Aneroid at end of watch 30.01.

W.W. Smith Master  
Meridian to 4 P.M. Weather very warm. Light breeze from S S E. The British steamer "Kashgar" came in from Sd. Sent an officer to board her, Joseph Toyana. (Pds) was this day discharged from the U.S. Naval Service, at his own request. Sent a liberty party ashore. Aneroid barometer 29.96.

W.W. Smith Master  
4 to 8 P.M. Weather clear and warm. Light airs from S and W. Barometer steady. Sent down topgallant yards at sunset in response to signal 6143 from Flagship. Aneroid at end of watch 30.00.

W.W. Smith Master  
8 P.M. to Midnight. Partly cloudy, threatening rain latter part; frequent lightning and thunder. Light airs varying from S by E to S S W. Aneroid barometer 30.00.

W.W. Smith Master

Moon Liquid Examined and found to be correct.

Dec 19. 14.40 S

Phase 19<sup>r</sup>.

W.A. Parker  
Lieut-<sup>N</sup> Navigator.

## LOG of the UNITED STATES

*Steamer Essex*  
*Yokohama, Japan.*

3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.	
				Direction.	Force.	Lee-way.	Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	8.5 E		Calm	0	29.95	84	82	79				occl	cirrus	0	8	
2	"		"	0	29.95	84	82	79				"	"	0	"	
3	"		SSE.	2	29.94	84	82	79				occln	"	0	"	
4	"		"	1	29.94	84	82	79				oclb	"	0	"	
5	NW		Calm	0	29.94	83	82	79				"	"	0	"	
6	"		NXW	1	29.96	81	80	78				bct	cum&circum	4	"	
7	"		"	1	29.98	81	80	78				bc	"	3	"	
8	N.		"	1	29.98	82	81	78				"	"	5	"	
9	"		"	1	29.97	82	82	78				"	"	5	"	
10	"		"	1	29.98	82	82	78				"	"	5	"	
11	SSE.		SSE	1	29.99	84	84	80				"	cirrus	5	"	
Noon.	"		"	1	29.99	85	85	81				"	"	6	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

300 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2250 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

31 " 848 "

P. M.																
1	"	S	SXW	2	29.97	85	85	78				bct	circum	4	"	
2	"	"	"	1	29.96	86	85	78				badt	circum	3	"	
3	"	"	"	1	29.95	86	84	78				"	"	2	"	
4	"	"	"	1	29.95	86	84	78				bcd	"	2	"	
5	"	"	"	1	29.96	85	82	78				bc	cumulat etras	2	"	
6	"	"	"	1	29.98	84	82	78				"	"	2	"	
7	"	SXW	SXW	1	29.96	84	82	78				bct	"	2	"	
8	"	"	"	1	29.97	84	82	79				bc	"	2	"	
9	"	"	"	1	29.97	83	82	79				"	"	4	"	
10	"	"	"	1	29.97	83	82	79				"	"	6	"	
11	"	"	"	1	29.97	83	82	79				"	"	6	"	
Mid.	"	"	"	1	29.97	83	82	79				"	"	4	"	

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. G. C. McCormick

, U. S. Navy,

Wednesday, August 15<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences, and until 4 A.M. Cloudy. Light variable airs. Light showers of rain during watch. Thunder and lightning during entire watch. Anemometer 30.00.

Wainwright-Keeoe

cor Lint

4 to 8 A.M. Weather cloudy and warm. Light airs from N<sup>E</sup> and N<sup>W</sup>. Barometer rising. At 7.00 the flagship made signal 3357 and at 7.25 signal 6069. Dropped topgallant and royal yards at 7.30. Anemometer at end of watch 30.04.

Cook Lint

8 A.M. to Meridian. Clear and warm, clouding over latter part. Light airs from N by E. At 9<sup>00</sup> signalled number of absentees to Flagship and at 10<sup>00</sup> number of sick. Went to quarters at 9.30. Rich<sup>d</sup> Spur (Os) absent without leave. Exercised 1<sup>st</sup> division and Marine guard at 3 in Rifle, 2<sup>d</sup> division, at small arms, 3<sup>d</sup> division with Gatling gun and Powder division, at oral instruction. By order of Comdr and commanding officer the following punishments were awarded; - E. B. Winslow (Os) four hours extra duty for neglecting bright work, John R. Coban (Os) sixteen hours for leaving boat without permission while boat kept W<sup>N</sup> H. Plinsley, Os, twelve hours for loud swearing aloft during exercises, Geo. W. Wrightington, Os, <sup>8 hours</sup> for loud swearing while at exercises. The following named men were transferred to the U.S. Naval Hospital on shore with bags and hammocks for temporary treatment, - Robert Wooley (Sea) Patrick McLean (1 Cpl) Patrick Gedney (2d Cpl) Alex. Anton (Os) and John J. Chamberlain (Os). Sent an officer to board the American ship Normandy, which came in and anchored. Anemometer 30.00. At 11<sup>45</sup> Flagship made signal general, 3094. Commanding Officer repaired on board Flagship in obedience to signal.

W.W. Brinn Master

Meridian to 1 P.M. Cloudy. Light showers of drizzling rain last three hours. Light breeze from S by W. At sunset sent down topgallant and royal yards. Anemometer 30.00. Wainwright-Keeoe

cor Lint

4 to 8 P.M. Cloudy and rainy, clearing occasionally. Light airs from S S W. Went to quarters at 4.45. Rich<sup>d</sup> Spur (Os) absent without leave. At 5<sup>00</sup> Flagship made preparatory signal for wash clothes. At 6.45 Flagship made signal (Gen) 6068. At sunset sent down topgallant and royal yards. Rich<sup>d</sup> Mackay (Sea) was transferred to this ship from U.S. Naval Hospital on shore. Anemometer 30.02.

W.W. Brinn Master

8 P.M. to Midnight. Cloudy first hour clear and pleasant remainder of watch. Bright moonlight, light breeze from S S W. Anemometer 30.01.

Wainwright-Keeoe

cor Lint

W. H. Parker

Lient 3 Navigator

Moon liquid

Dec 17<sup>a</sup> 56. 02 S

Phase, 1. 9r

## LOG of the UNITED STATES

*Steamer "Euse"*, 3d Rate, 6 Guns,  
Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Anchored	8 N	S N		1		29.99	81	80	77		bc	circum	8	S	
2	"	"	"		1		29.99	81	80	77		"	"	8	"	
3	"	"	"		1		29.98	80	79	76		"	"	7	"	
4	"	"	"		1		29.98	80	79	76		bcm	cir	9	"	
5	"	"	"		1		29.98	80	79	76		bc	"	6	"	
6	"	N W	N. W.		1		29.98	80	79	76		bef	circum	4	"	
7	"	.	Balm		0		29.98	80	78	76		bc	"	7	"	
8	"	"	"		0		29.98	80	78	76		"	"	7	"	
9	"	"	"		0		29.98	81	80	76		"	"	7	"	
10	"	S N	S N < N		2		29.97	83	82	77		"	"	6	"	
11	"	"	"		2		29.97	83	82	77		"	"	6	"	
Noon.	"	"	"		2		29.96	84	83	77		"	"	7	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

360 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1900 "

Coal consumed during the preceding 24 hours

tons 200 lbs.

Coal remaining on hand at Noon

31 " 648 "

P. M.																	
1	"	S x N	S x N		1		29.97	84	85	78		bc	circum	8	S		
2	"	"	"		1		29.96	85	86	79		"	"	8	"		
3	"	"	"		2		29.94	86	86	79		"	"	9	"		
4	"	"	"		2		29.94	87	87	79		"	"	7	"		
5	"	"	S S N		3		29.94	87	86	79		"	"	7	"		
6	"	"	"		3		29.92	86	85	79		"	"	6	"		
7	"	"	"		3		29.92	86	82	78		"	circum	6	"		
8	"	"	S x N		3		29.95	84	82	78		"	circum	8	"		
9	"	S N < N	S N < S		2		29.95	83	82	77		"	"	8	"		
10	"	"	"		2		29.96	83	82	77		"	"	7	"		
11	"	"	"		2		29.96	82	81	77		"	"	8	"		
Mid.	"	"	"		3		29.96	82	80	76		"	"	7	"		

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. M<sup>o</sup> Connick

, U. S. Navy,

Thursday, August 16., 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Mild pleasant weather. Light airs from S.W. Barometer steady. Aneroid 30.02.

H. D. Wm. Ensign

4 to 8 A.M. Pleasant weather. Misty early part. Light airs from S.W. last hour calm. At 5<sup>30</sup> p.m. Japanese mail steamer came in. At 7<sup>25</sup> Flagship made signal 3367. and at 7<sup>25</sup> signal 5461.

W. W. Minn. Master

8 AM to Meridian. Clear and pleasant. Light breeze from S.W. by S. last hours of watch. At 9<sup>30</sup> mustered at quarters: Rich<sup>rd</sup> Spur. (Ads) and Mich<sup>l</sup>. Sullivan. (O.C. Fis.) absent from the ship without permission Encircled all divisions at company drill. Calling gun and Marines. By order of Commanding Officer W<sup>m</sup> Simpsone. O. was given four hours extra duty for dirtying ship's side. Enlisted Ah Chu & Ah Week as laundermen and Spur Cesar Apaano as Ordinary Seaman for cruise of vessel. At 11<sup>25</sup> Flagship made signal 3094. At 11<sup>25</sup> made 4826 at 11<sup>25</sup> furled sail. Aneroid 30.03

W. W. Minn. Lee-Keeoye, W.R. Linb

Meridian to 11 P.M. Warm and pleasant. Light airs and breezes from S by W. Barometer falling. Aneroid 29.98. Enlisted for three years under honorable discharge from U.S.S "Monocacy" Charles Dunn as Ordinary Seaman also for cruise Ah Paug as laundeman Received from U.S.S "Richmond" the following named men with their bags, hammocks, and necessary papers. Patrick Carroll (O.C. Fis) Ah Gee, (O.C. Fis) Harry Brooks. (P.W) Geo. Corey. (P.W) Pat<sup>h</sup> Kelly. (P.W) Frederick Zepelin. (P.W) At 3<sup>25</sup> Flagship made general signal 1087.

H. D. Wm. Ensign

4 to 7 P.M. Clear and warm. Light breeze from S.S.W. At 4.45 mustered at quarters. At sunset put down topgallant and royal yards. Aneroid 30.00

W. W. Minn. Lee-Keeoye, W.R. Linb

8 P.M. to Midnight, Clear cool and pleasant. Light to gentle breeze from S.W. by S. Barometer steady. Aneroid 30.04. Bright moonlight.

H. D. Wm. Ensign

Moon, londid

Examined and found to be correct.

Dec 15. 37. 83 J.

Phase 1. 9r

W. H. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

*Steamer Essex*  
*Yokohama, Japan.*

3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Anchored	S 30° E	S 30° E	2	29.97	82	80	76				bc	Cumulus	6	8	
2	"	"	"	2	29.97	82	80	76				"	"	6	"	
3	"	"	"	2	29.98	80	79	77				"	"	6	"	
4	"	"	"	2	29.98	80	79	77				"	"	5	"	
5	"	"	"	2	30.00	80	80	78				"	Cirrus	6	"	
6	"	"	S 80° W	2	30.01	80	80	78				"	"	6	"	
7	"	"	"	1	30.03	81	80	78				"	"	7	"	
8	"	"	"	2	30.04	82	81	79				"	Cumulus	8	"	
9	"	"	S 30° E	2	30.04	83	82	78				"	"	8	"	
10	"	"	"	2	30.04	84	82	78				"	"	7	"	
11	"	"	"	2	30.04	85	83	79				"	"	7	"	
Noon.	"	"	"	3	30.04	86	84	80				"	"	7	"	

Distance run by Log since preceding Noon

knots      fathoms.

Latitude by D. R. at Noon

°      '      "

Longitude by D. R. at Noon

°      '      "

Latitude by Observations at Noon ☽

°      '      "

Longitude by Chronometer from Forenoon Observations ☽

°      '      "

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°      '      "

Variation of the Compass by Azimuth ☽ observed at

°      '      "

Water expended during the preceding 24 hours

350 gallons.

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1500 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

31 " 248 "

P. M.																	
1	"	S.	S 30° E	2	30.05	86	85	77				bc	Cumulus	7	"		
2	"	"	"	3	30.04	86	86	78				"	"	6	"		
3	"	"	"	3	30.03	86	86	78				"	"	6	"		
4	"	"	"	3	30.03	86	86	78				"	"	7	"		
5	"	S 30° E	"	3	30.03	87	86	78				"	"	7	"		
6	"	S 80° W	S 80° N	11	30.00	85	83	78				"	"	6	"		
7	"	S 30° E	S 30° E	11	30.00	84	82	77				"	Cirrus	5	"		
8	"	"	"	11	30.00	84	82	77				"	"	3	"		
9	"	"	S 80° N	3	30.02	85	82	77				"	"	11	"		
10	"	"	"	3	30.04	85	82	77				"	"	6	"		
11	"	"	"	3	30.06	85	82	77				"	"	7	"		
Mid.	"	"	"	3	30.08	85	82	77				"	"	7	"		

Longitude by Chronometer from Afternoon Observations ☽

°      '      "

Longitude by Chronometer from Observations \*

°      '      "

Variation of the Compass by Amplitude      observed at Sunset

°      '      "

Variation of the Compass by      at

°      '      "

under the command of

Commander A. H. McCormick, U. S. Navy,  
Friday, August 17<sup>th</sup>, 1883

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Weather clear and pleasant, light breeze from S.W. Cirro-cumulus clouds. Aneroid barometer 30.05

11 to 8 A.M., Clear and pleasant. Light breeze from S.W. Wind ~~W. N. W. - E. E. E. S. S. E.~~ Grib

8 A.M. to Meridian, Clear pleasant weather. Light to gentle breeze from S.W. Barometer steady. Aneroid 30.09. At 9.30 exercised all general quarters, and tested torpedo gear. Exercised at fire quarters immediately after.

A.D. Dunn, Ensign.

Meridian to 11 P.M. Weather clear and pleasant. Light to gentle breeze from S by W. Barometer falling. Rode off new Shul Dopes, but liberty party on shore. Boarded the American ship "Antelope" of Boston, a Japanese government steamer came in and anchored. Aneroid barometer 30.01.

Karl Rohr, Gun

11 to 8 P.M. Cloudy and pleasant, Gentle to moderate breeze from S S W and S by W. Barometer steady. Aneroid 30.09.

A.D. Dunn, Ensign

8 P.M. to Midnight, Weather clear and pleasant. Gentle breeze from S. S. W. Barometer rising. Cirro-cumulus and stratus clouds. Aneroid barometer 30.12.

Karl Rohr, Gun

Moonlight Examined and found to be correct.

Dec 12, 22.30 S.

Phase 1. 9m.

W. S. Parker  
Lieut. & Navigator.

## LOG of the UNITED STATES

Steamer *Essia*

3d Rate, 6 Guns,

Yokohama Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Anchored S+2h	Sx2h	3	30.07	82	80	76	"	"	"	"	bc	cirrus	6	5	
2	"	"	2	30.07	82	80	76	"	"	"	"	"	"	5	"	
3	"	S	2	30.07	81	80	76	"	"	"	"	"	"	5	"	
4	"	"	1	30.07	81	80	76	"	"	"	"	"	"	4	"	
5	"	S82h	2	30.04	81	80	75	"	"	"	"	"	"	5	"	
6	"	"	1	30.04	81	80	75	"	"	"	"	"	"	5	"	
7	"	"	1	30.06	82	81	77	"	"	"	"	"	"	5	"	
8	"	S2h	1	30.09	82	82	77	"	"	"	"	"	"	6	"	
9	"	"	1	30.11	83	83	77	"	"	"	"	cirrus	cirrus	7	"	
10	"	"	2	30.11	84	84	77	"	"	"	"	"	"	7	"	
11	"	"	3	30.11	85	84	77	"	"	"	"	"	"	7	"	
Noon.	"	"	2	30.11	85	84	77	"	"	"	"	"	"	7	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

"

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

350 gallons.

Water                          during the preceding 24 hours

"

"

Water remaining on hand fit for use at Noon

1200 "

"

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

30 " 2088. "

"

P. M.																	
1	"	S2h	S2h	1	30.09	86	85	77	"	"	"	bc	cirrus	7	"		
2	"	"	"	2	30.09	86	85	77	"	"	"	"	"	7	"		
3	"	S82h	S82h	2	30.09	86	85	77	"	"	"	"	"	6	"		
4	"	"	"	2	30.09	87	85	77	"	"	"	"	"	5	"		
5	"	Sx2h	Sx2h	3	30.07	87	85	77	"	"	"	cirrus	strat	7	"		
6	"	"	"	4	30.07	86	84	76	"	"	"	"	"	6	"		
7	"	"	"	3	30.07	84	82	76	"	"	"	"	"	4	"		
8	"	S82h	S82h	3	30.05	82	81	76	"	"	"	"	"	7	"		
9	"	"	"	3-4	30.08	82	81	75	"	"	"	cirrus	"	7	"		
10	"	"	"	3-4	30.08	82	81	75	"	"	"	"	"	7	"		
11	"	"	"	3-4	30.07	81	81	75	"	"	"	"	"	8	"		
Mid.	"	"	"	3-4	30.06	81	80	75	"	"	"	cir	"	9	"		

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. G. M<sup>o</sup> Connick

, U. S. Navy,

Saturday. August 18, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Weather partly cloudy and pleasant, light airs from S. and W. Barometer rising. Aneroid at end of watch 30.14.

*At 4 to 8 A.M.* Cloudy and pleasant, light airs and breezes from S. S. W. Barometer steady. Aneroid 30.14. At 7:00 Flagship made general signal 3307. Received on board in Pay Dept 88½ lbs of fresh beef and vegetables and 7½ loaves of bread.

*At 8 A.M.* to Meridian. Weather clear and pleasant, light gentle breeze from S. W. Barometer steady. Clouds form, cumulus and stratus. The English Steamer "Crabio" sailed for San Francisco at 10. Work bedding in obedience to signal. Aneroid barometer 30.15.

*At 11 P.M.* Meridian to 11. Weather clear and warm, gentle breeze from S. W. Barometer steady. By order of Commanding Officer placed Frank A. Morris, (Lds) in double irons for intoxication and disobedience of orders. Aneroid barometer 30.12.

*At 4 to 8 P.M.* Weather clear and pleasant, Breeze quite to moderate from S by W. Barometer steady. At 4:45 mustered crew at quarters and by order of Commanding Officer released F. A. Morris, (Lds) from confinement. Aneroid barometer 30.10.

*At 8 P.M.* to Midnight, Weather clear and pleasant, Bright moonlight. Gentle to moderate breeze from S S W. Barometer steady. Aneroid at end of watch 30.10.

*At 11 P.M.*

*At 8 A.M.*

Moon and Examined and found to be correct.

Dec 8. 20. 27 8

Phase 1. 9m.

W. H. Parker  
Lieut-3 Navigator.

## LOG of the UNITED STATES

*Steamer "Eskimo"*  
*Yokohama, Japan.*

3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Closed S.S.W.	S.S.W.	8-4				30.05	81	80	76		b.c.	cirrus	6	8	
2	"	"	3-4				30.06	81	80	76		"	"	6	"	
3	"	"	2				30.06	81	80	76		"	"	8	"	
4	"	"	2				30.06	82	80	76		"	"	7	"	
5	"	"	2				30.04	80	80	75		"	cirrus cirrostratus	7	"	
6	"	"	2				30.03	80	79	75		"	"	6	"	
7	"	"	3				30.03	80	80	75		"	"	5	"	
8	"	"	3				30.04	81	81	76		"	cirrus	6	"	
9	"	"	2				30.04	84	82	76		"	"	7	"	
10	"	"	2				30.05	84	83	77		"	"	7	"	
11	"	"	2				30.04	85	85	77		"	"	7	"	
Noon.	"	"	2				30.04	86	85	74		"	"	6	"	

Distance run by Log since preceding Noon

knots      fathoms.

Latitude by D. R. at Noon

°      '      "

Longitude by D. R. at Noon

°      '      "

Latitude by Observations at Noon ☽

°      '      "

Longitude by Chronometer from Forenoon Observations ☽

°      '      "

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°      '      "

Variation of the Compass by Azimuth ☽ observed at

°      '      "

Water expended during the preceding 24 hours

350      gallons.

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

850      "

Coal consumed during the preceding 24 hours

tons 300      lbs.

Coal remaining on hand at Noon

30      " 1788      "

P. M.																	
1	.	8831	8831	3			30.02	87	86	78		b.c.	cirrus	5	"		
2	"	"	"	3-4			30.00	87	86	78		"	"	5	"		
3	"	"	"	3-11			29.99	87	86	78		"	"	5	"		
4	"	"	"	3-11			29.98	87	86	78		"	"	5	"		
5	"	"	"	4-5			29.96	86	85	78		"	"	6	"		
6	"	"	"	3-5			29.96	85	84	77		"	"	3	"		
7	"	"	"	3-4			29.96	83	82	77		"	cirrus cirrostratus	4	"		
8	"	"	"	3-11			29.96	88	82	77		b.c.	cirrus	5	"		
9	"	"	"	3-4			30.00	83	82	77		b.c.	"	11	"		
10	"	"	"	3-4			30.00	82	81	77		"	"	5	"		
11	"	"	"	2-3			30.00	82	81	77		"	"	5	"		
Mid.	"	"	"	2-3			29.99	81	81	77		"	"	5	"		

Longitude by Chronometer from Afternoon Observations ☽

°      '      "

Longitude by Chronometer from Observations \*

°      '      "

Variation of the Compass by Amplitude      observed at Sunset

°      '      "

Variation of the Compass by      at

°      '      "

under the command of

Commander A. H. M<sup>o</sup> Connick

, U. S. Navy,

Sunday, August 19.

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Pleasant weather. Moderate breeze from S.S.W. Barometer steady. Aneroid barometer 30.10.

4 to 8 A.M. Weather clear and pleasant. Light to gentle breeze from S.S.W. Barometer steady. Received on board for use of crew 88 lbs of fresh beef, 88 lbs vegetables, and 71 loaves of bread. Aneroid barometer 30.09.

8 A.M. to Meridian. Weather clear and warm. Gentle breeze from S.S.W. Barometer steady. The Commanding Officer inspected the ship and the crew at quarters at 9.30. Aneroid at end of watch 30.05.

Meridian to 4 P.M. Clear and very warm. Fresh breeze from S.S.W. Barometer falling slowly. Aneroid barometer 30.02.

4 to 8 P.M. Weather partly cloudy and warm. Fresh breeze from S.S.W. Barometer steady. At 5<sup>00</sup> p.m. sounded to 45 fathoms on starboard chain. Aneroid at end of watch 30.02.

8 P.M. to Midnight. Pleasant weather. Fresh breeze from S.S.W. moderating somewhat latter part. Barometer steady. Aneroid barometer 30.06.

W.W. Brown Master

Moon, 1/2 mid Examined and found to be correct.

Dec 3. 45. 50 A.

Phase 7. m.

W. J. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

*Steamer "Essix"*  
Yokohama, Japan.

3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	SSW	SSW	3-4				29.97	81	81	77		bc	cirrus	2	8	
2	"	"	3-5				29.97	81	82	77		bcd	"	2	"	
3	"	"	3-5				29.96	81	82	77		bcl	"	1	"	
4	"	"	3-5				29.95	81	81	77		bc	"	1	"	
5	"	"	3-5				29.95	81	80	77		"	cirrus	2	"	
6	"	"	3-4				29.95	81	80	77		"	"	3	"	
7	"	"	3-4				29.95	81	80	77		"	"	2	"	
8	"	"	3-4				29.95	82	81	78		"	cirrus	3	"	
9	"	"	3-4				29.95	84	81	77		"	cirrus	3	"	
10	"	"	3				29.95	84	82	78		"	cirrus	5	"	
11	"	"	3				29.95	84	84	78		"	"	6	"	
Noon.	"	"	3				29.95	84	84	78		"	"	6	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ◎

°

"

Longitude by Chronometer from Forenoon Observations ◎

°

"

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ◎ observed at Sunrise

°

"

Variation of the Compass by Azimuth ◎ observed at

°

"

Water expended during the preceding 24 hours

350

gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

400

"

Coal consumed during the preceding 24 hours

tons 300

lbs.

Coal remaining on hand at Noon

30

"

1478

"

P. M.																
1	"	SSW	SSW	3-4			29.91	85	84	79		bc	cirrus	6	"	
2	"	"	"	3-4			29.98	85	84	79		"	"	4	"	
3	"	"	"	3-4			29.86	85	84	79		"	"	4	"	
4	"	"	"	3-4			29.85	85	84	79		"	"	4	"	
5	"	"	"	4			29.88	83	81	78		"	cirrus	3	"	
6	"	"	"	2			29.90	82	81	78		"	"	2	"	
7	"	North	North	11			29.95	77	76	70		ocd	cumulus	0	"	
8	"	Nx8	Nx8	2			29.99	77	75	69		"	"	0	"	
9	"	N8	N8	2			30.00	77	76	70		ocrd	"	0	"	
10	"	NE	NE	2			30.00	78	77	72		"	"	0	"	
11	"	"	"	2			30.01	78	77	72		"	"	0	"	
Mid.	"	"	"	4			30.02	78	76	72		"	"	0	"	

Longitude by Chronometer from Afternoon Observations ◎

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of Commander A. H. McCormick, U. S. Navy,  
Monday, August 20. 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M. Cloudy. Pleasant, Fresh breeze from S.S.W. with occasional light showers of rain. Obscured moonlight.  
Aneroid 30.04

4 to 8 A.M. Weather cloudy and warm, Moderate breeze from S.S.W. Barometer steady. Commenced coaling ship at 7.15. Aneroid at end of watch 30.04.

8 A.M. to Meridian. Cloudy and threatening rain. Moderate to fresh breeze from S.S.W. Continued coaling ship. Enlisted Mr. Wua as landsman for the cruise. Received on board in Pay Dept 5 barrels sugar 4 chests of tea and 8 boxes of tomatoes. also a quantity of stores in Engineer's Dept. Aneroid bar. 29.96

Meridian to 1 P.M. Cloudy. Warm. Fresh breeze from S.S.W. Coalung ship received on board 107<sup>12</sup> tons and ceased coaling at 3<sup>00</sup>. At 3<sup>00</sup> Flagship made signal 1087. Aneroid 29.92.

1 to 8 P.M. Overcast and clouds are all part of watch with light drizzling rain last hour. Moderate breeze from S.S.W. shifting suddenly to N.E. and freshening. At 8 M set sail down top gallant yards and masts. Aneroid barometer 30.04

8 P.M. to Midnight. Cloudy. Frequent light showers & rain. Moderate breeze shifting from N.E. to N.W. Obscured moonlight. Aneroid 30.10

Moon mid Examined and found to be correct.  
Dec 1. 04. 21. N.  
Phase 4. m.

W. J. Parker  
Lieut & Navigator.

LOG of the UNITED STATES

Steamer "Essex"  
Yokohama, Japan.

3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
			Anchored NNE	NNE	3		30.02	77 73	71			scar	numb	0	8	
2	.	"	"	"	3		30.02	77 73	71			"	"	0	"	
3	.	"	"	"	3		30.02	77 73	71			bc	"	1	"	
4	.	"	"	"	1		30.02	77 73	71			"	"	1	"	
5	.				2		30.07	74 73	70			ord	"	0	"	
6	.				2		30.10	74 72	70			bc	anum	2	"	
7	.				2		30.12	75 72	69			"	"	2	"	
8	.				2		30.13	75 71	68			"	"	2	"	
9	.				2		30.15	75 72	69			"	"	2	"	
10	.				2		30.18	75 74	70			"	cirrus	3	"	
11	.				2		30.18	77 75	70			"	"	4	"	
Noon.	.				2		30.18	77 76	71			"	"	5	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☺

°

"

Longitude by Chronometer from Forenoon Observations ☺

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ☺ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☺ observed at

°

"

Water expended during the preceding 24 hours

330

gallons.

Water distilled during the preceding 24 hours

100

"

Water remaining on hand fit for use at Noon

170

"

Coal consumed during the preceding 24 hours

tons 1300

lbs.

Coal remaining on hand at Noon

137 "

1108 "

P. M.																
1	"															
2	"															
3	"															
4	"															
5	"															
6	"															
7	"															
8	"															
9	"															
10	"															
11	"															
Mid.	"															

Longitude by Chronometer from Afternoon Observations ☺

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of Commander A. H. McCormick, U. S. Navy,  
Tuesday, August 21, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Overcast and cloudy and rainy first part, clearing latter part of watch. Gentle to moderate breezes from N.E. <sup>Barguette</sup>  
<sup>steady</sup> Aneroid 30.11.

11 to 8 A.M. Cloudy and cool. Light breeze from A by E. At 7 Flagship made signal 33<sup>st</sup>, and at 7<sup>25</sup> signal 6144; sent up topgallant masts and crossed topgallant yards. Aneroid barometer 30.25. Received on board in Pay Dept. 89 lbs of fresh beef and vegetables and 71 loaves bread

8 A.M. to Meridian. Cloudy. Pleasant. Light breeze from NNE. At 9<sup>30</sup> mustered at quarters; exercised Od, Masters, and 3d divisions at small arms, 1st and Powder divisions at single sticks. At 10<sup>30</sup> called away all boats, armed, and equipped for landing, and exercised them at squadron tactics. At 8.10 made signal 4561. Flagship answered 9041. At 8<sup>30</sup> started fires for distilling. At 11<sup>45</sup> commenced distilling. Aneroid 30.27.

Warrnngs de Keregoe Lieut-  
Meridian to 11 P.M. Cloudy and cool. Light breeze from NNW and N.E. Barometer steady. Aneroid 30.24. Distilling.

11 to 8 P.M. Clear and pleasant. Light breeze from N.E. by E. At 5<sup>30</sup> called all hands to muster and read stations for clearing ship for action. At sunset sent down topgallant yards and bent light sails. Enlisted for special service for cruise of vessel, Ah Moon, Chan Ching, and Hong King as landmen. Received from U.S. Hospital for U.S. "Monocacy" James Dwyer, 2<sup>d</sup> Cl. Firman. Aneroid 30.26.

8 P.M. to Midnight. Clear pleasant weather. Bright moonlight. Light breeze from N.E. and A by E. Barometer steady. Aneroid 30.28. Distilling.

WDW. Ensign

Moon 1/2 mid. Examined and found to be correct.

Dec 5. 52.06 N.

Phase 4. m.

W. J. Parker  
Lieut 8, Navigator.

## LOG of the UNITED STATES

*Steamer "Eessa"*  
*Yokohama. Japan.*

3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	NNE	NNE	2				30.18	74	71	68		Sc	Cirrus Cum	11	6	
2	"	"	2				30.16	74	71	68		"	"	7	"	
3	"	N	2				30.16	74	71	68		"	"	6	"	
4	"	"	2				30.15	74	71	68		"	"	8	"	
5	"	"	2				30.15	73	70	66		"	Altocum	8	"	
6	"	"	2				30.19	72	69	66		"	"	8	"	
7	"	"	2				30.18	73	70	67		"	"	8	"	
8	"	"	2				30.19	73	71	66		"	"	8	"	
9	"	"	2				30.18	74	73	67		"	Cirrus	8	"	
10	"	"	2				30.18	75	75	68		"	"	7	"	
11	"	"	2				30.18	76	76	68		"	"	6	"	
Noon.	"	"	2				30.17	77	77	70		"	"	7	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

° " "

Longitude by D. R. at Noon

° " "

Latitude by Observations at Noon ☽

° " "

Longitude by Chronometer from Forenoon Observations ☽

° " "

Current during the time      knots      fms. per hour, setting to the

° " "

Variation of the Compass by Amplitude ☽ observed at Sunrise

° " "

Variation of the Compass by Azimuth ☽ observed at

° " "

Water expended during the preceding 24 hours

300 gallons.

Water distilled during the preceding 24 hours

3230 "

Water remaining on hand fit for use at Noon

3100 "

Coal consumed during the preceding 24 hours

2 tons 1620 lbs.

Coal remaining on hand at Noon

131 " 2028 "

P. M.																
1	"	NNE	NNE	2			30.15	79	78	71		Sc	Cirrus	5	"	
2	"	"	"	1			30.13	81	80	72		"	"	5	"	
3	"	N	N	2			30.13	82	80	72		"	"	6	"	
4	"	"	"	2			30.13	82	80	73		"	"	5	"	
5	"	"	"	2			30.11	81	79	73		"	"	5	"	
6	"	ENE	ESE	2			30.11	80	79	72		"	"	5	"	
7	"	"	"	2			30.11	79	78	72		"	Altocum strat	5	"	
8	"	"	"	2			30.10	78	76	71		"	"	4	"	
9	"	NNE	NNE	2			30.10	76	75	71		"	Cir	4	"	
10	"	"	"	1			30.11	76	74	71		"	"	6	"	
11	"	"	"	1			30.11	75	74	70		"	Cirrus	7	"	
Mid.	"	"	"	1			30.11	75	73	70		"	"	5	"	

Longitude by Chronometer from Afternoon Observations ☽

° " "

Longitude by Chronometer from Observations \*

° " "

Variation of the Compass by Amplitude      observed at Sunset

° " "

Variation of the Compass by      at

° " "

under the command of

Commander A. H. M<sup>o</sup> Comstock

, U. S. Navy,

Wednesday, August 22d

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Weather clear and pleasant, Light breeze from N & E to N. Barometer falling. Distilling water. Aneroid barometer 30.28.

11 A.M. to 1 P.M. Light breeze from N & E to N. Barometer falling.

4 to 8 A.M. Clear and pleasant. Light breeze from North. Aneroid 30.28. No routine exercise on account of no signal from Flagship being excused on account of Admirals inspection of vessel to morrow.

8 A.M. to Meridian. Clear pleasant weather. Light breeze from North. Barometer steady. Aneroid 30.24. At 9.20 called all hands and cleared ship for action. Secured at 10.15. Received on board in Navigator's Department 10 lbs. log line, 26 lbs. hand lead line, 13 globular tuns, 40 yds. each, of blue, white and red bunting, and 100 gallons of tea oil. Received on board in Ordnance 40 yds. of muslin, 236 fathoms of manilla, 3 in. 1/2 fathoms of manilla, 2 1/2 in. 17 fathoms of hump. 5 in. 10 fathoms of hump. 1 1/2 in. 16 fathoms of manilla, 3 in. 14 fathoms of manilla 2 1/2 in. 10 fathoms of manilla, 2 in. and 12 yds. of cot duck, #8. Received on board from U.S.S. "Monocacy" 588 lbs. red lead, 116 lbs. white lead and 20 gallons boiled oil.

K.D. Drumm, Engineer

Meridian to 1 P.M. Weather clear and pleasant, Light breeze from N & E to N & E Cirro-cumulus clouds. At 1 stopped distilling and hauled fire. Cleared bilges. At 3<sup>rd</sup> Flagship made signal No 768 and general Q answered. Shipped for cruise of this vessel Thomas W. Sherman and John W. Schlesinger each as landsman. Aneroid barometer 29.18.

H. A. Parker, Gunner

11 to 8 P.M. Cloudy but pleasant, Light breeze from E & E. Barometer steady. Aneroid 30.19. At 4.45 mustered crew at quarters. Released from confinement R. E. Herren, (82d) and made him a prisoner at large. At 6<sup>th</sup> made general signal 1069 to "Richmond" which was answered by 904. Set up royal and top gallant yards.

K.D. Drumm, Engineer

8 P.M. to Midnight, Clear and pleasant weather, Light breeze from S. N & S. Barometer steady. Enlisted for special service for cruise. Ah Kong as landsman. Aneroid barometer 30.20

H. A. Parker, R. Gunner

Noon Londo Examined and found to be correct.

Dec 10. 17. 28° N.

Phase 7. m.

W. J. Parker  
Lieut. B. Navigator.

## LOG of the UNITED STATES

Steamer "Eddo"  
Yokohama - Japan.

3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	"	14x3t	N.	2			30.10	76	73	70		bc	Acum	8	8	
2	"	"	"	2			30.10	75	73	70		"	"	7	"	
3	"	"	"	2			30.10	75	73	70		"	Ci	9	"	
4	"	"	"	2			30.09	75	73	70		"	"	9	"	
5	"	"	"	1			30.09	74	71	69		"	Austral	9	"	
6	"	14x6	14x6	1			30.10	73	70	68		"	Cir strat	8	"	
7	"	"	"	1			30.11	74	71	68		"	"	8	"	
8	"	14x3t	14x3t	1			30.12	75	73	69		"	"	8	"	
9	"	N	N	1			30.10	76	75	71		"	"	8	"	
10	"	"	"	1			30.10	77	77	72		"	Ci Cum	7	"	
11	"	"	"	2			30.10	77	77	72		"	"	7	"	
Noon.	"	14x8	14x8	2			30.10	79	79	73		"	"	7	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

° " "

Longitude by D. R. at Noon

° " "

Latitude by Observations at Noon ☽

° " "

Longitude by Chronometer from Forenoon Observations ☽

° " "

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise      ° " "

Variation of the Compass by Azimuth ☽ observed at      ° " "

Water expended during the preceding 24 hours      360 gallons.

Water      during the preceding 24 hours      "

Water remaining on hand fit for use at Noon      2750 "

Coal consumed during the preceding 24 hours      tons 700 lbs.

Coal remaining on hand at Noon      1344 " 1328 "

P. M.																	
1	"	N	N.E.	2			30.12	80	80	78		bc	Acum	8	8		
2	"	"	"	2			30.12	80	80	78		"	"	7	"		
3	"	8N8	8N8	2			30.11	80	82	75		"	"	8	"		
4	"	"	"	1			30.10	82	82	75		"	"	8	"		
5	"	"	"	1			30.08	80	82	76		"	"	8	"		
6	"	"	"	1			30.08	83	83	76		"	"	6	"		
7	"	"	"	1			30.08	82	81	76		"	"	2	"		
8	"	"	"	1			30.08	82	81	76		"	Aurum	2	"		
9	"	N	N	2			30.09	81	79	76		"	"	4	"		
10	"	"	"	2			30.09	81	79	76		"	"	1	"		
11	"	Nx8	Nx8	3			30.09	80	78	77		"	"	6	"		
Mid.	"	"	"	3			30.00	80	78	77		"	"	3	"		

Longitude by Chronometer from Afternoon Observations ☽

° " "

Longitude by Chronometer from Observations \*

° " "

Variation of the Compass by Amplitude      observed at Sunset

° " "

Variation of the Compass by      at

° " "

under the command of

Commander A. G. M<sup>o</sup> Connell, U. S. Navy,  
Thursday, August 23d, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Light airs from N.  
W. H. W. <sup>S. N. S. W. E. N. N. E.</sup> Wind  
1 to 8 A.M. Clear pleasant weather. Light airs from N by E. Bar-  
ometer rising slowly. Arrived 30.22. Pic<sup>o</sup> on board in Pay Dept  
92 lbs. of fresh beef and vegetables, and 74 loaves of bread.  
H. D. Dunn. Ensign  
8 A.M. to Meridian. Weather clear and pleasant. Light breeze from  
N to N.E. Barometer steady. At 9<sup>00</sup> Dear Admiral ~~Perrce~~ Crosby and  
his staff came on board and were received by the Captain, Officers and  
crew at quarters. The Admiral inspected the ship and then the divisions  
were inspected and drilled in the various exercises. At 12. sent the crew  
to dinner.

Mar. 20th, 1951  
Lieut

Moridian to L. O.W. Weather clear and pleasant. Light airs from N<sup>E</sup> and E<sup>N</sup>E. Barometric steady. At 1:00 resumed the inspection cleared ship for action and completed the various drills and exercises prescribed by Navy Department. Rear Adm'l Crosby and staff left the ship at 3:00. Commander J. J. Higginson, under orders to command the "Monocacy" arrived per steamer from the United States and visited the ship preparatory to taking passage for Korea, Arrived 3:12.

4 to 8 PM. Weather clear and pleasant, light breeze from ENE.  
Barometer steady. Hoisted in launches sent liberty party on shore  
At 6<sup>35</sup>. Flagship made signal No 6143. Answered and sent down top-  
gallant yards, and unbent royals, and topgallantsails. Answered  
baron with 3 w. 15.

Carl Ritter Gumb

8 P.M. to Midnight. Weather clear and pleasant. Light variable winds. Barometer steady. Aneroid at end of watch 30.18.

Otto Gumb

*Mowbray* Examined and found to be correct.

Dec 14. 04. 01 M  
Phase 7. m.

W. St. Parker  
Linh 8 Navigator.

LOG of the UNITED STATES

Steamer *Essex*, 3d Rate, 6 Guns,  
Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Anchored	44 1/2	N N W.	2			30.19	78	75	75		oc	minus	0	8	
2	"	"	"	2			30.10	78	78	74		"	"	0	"	
3	"	"	"	2			30.10	78	76	74		ba	cum	2	"	
4	"	"	"	2			30.10	78	75	74		"	"	6	"	
5	"	"	"	2			30.10	78	76	74		"	"	5	"	
6	"	"	N	1.			30.12	78	76	74		"	"	6	.	
7	"	"	"	1			30.12	78	76	74		"	"	4	"	
8	"	"	"	1			30.12	79	76	76		"	"	5	"	
9	"	"	N 6 x N	N 6 x N	1		30.15	80	78	75		"	circum	7	:	
10	"	"	"	E. N E.	1		30.15	81	80	76		"	"	7	"	
11	"	"	"	"	1		30.15	82	81	76		"	"	7	.	
Noon.	"	"	"	"	1		30.15	83	82	77		"	"	7	"	

Distance run by Log since preceding Noon

knots      fathoms.

Latitude by D. R. at Noon

°      '      "

Longitude by D. R. at Noon

°      '      "

Latitude by Observations at Noon ☽

°      '      "

Longitude by Chronometer from Forenoon Observations ☽

°      '      "

Current during the time      knots      fms. per hour, setting to the

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°      '      "

Variation of the Compass by Azimuth ☽ observed at

°      '      "

Water expended during the preceding 24 hours

350 gallons.

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

21100 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

1321 " 1028 "

P. M.																
1	.	E 48	6 N E	1			30.10	83	81	75		bc	circum	7	"	
2	"	"	"	1			30.10	83	81	75		"	"	7	"	
3	.	S.	calm	0			30.10	81	82	76		"	"	7	"	
4	"	"	"	0			30.10	81	82	76		"	"	7	.	
5	"	S 6 x S	S 6 x S.	1			30.10	85	82	76		"	"	7	.	
6	"	"	"	1			30.10	86	83	77		"	"	8	.	
7	.	S S W.	S S W.	2			30.10	85	82	77		"	circum	7	.	
8	"	"	"	2			30.10	83	80	76		"	circum	8	.	
9	"	"	"	0			30.11	81	79	76		"	anom	6	.	
10	"	"	"	1			30.11	81	81	77		"	circum	8	.	
11	"	"	"	1			30.11	81	79	76		"	"	8	.	
Mid.	"	"	calm	0			30.11	80	79	76		"	"	8	.	

Longitude by Chronometer from Afternoon Observations ☽

°      '      "

Longitude by Chronometer from Observations \*

°      '      "

Variation of the Compass by Amplitude      observed at Sunset

°      '      "

Variation of the Compass by      at

°      '      "

under the command of

Commander A. G. W<sup>th</sup> Cornick

, U. S. Navy,

Friday. August 21. , 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast and cloudy first part clearing latter part. Gentle breeze from N N W. Averiod bar. 30.20.

4 to 8 A.M. Weather clear and pleasant. Light breeze from N to N N W. Barometer steady. At 7 Flagship made signal No 3357 and at 7.25 she made signal No 6144. Answered and crossed top gallant yards. Averiod barometer 30.22.

W.W. Linn Master

8 A.M. to Meridian. Weather clear and warm. Light variable airs and calms. Barometer steady. We stood at quarters abo. 30 having cleared ship for action on Wednesday and at inspection on Thurs day omitted the routine exercise for to day and substituted gun drill and fire quarters. Averiod at end of watch 30.19. By order of Commanding Officer W<sup>m</sup> Thomas (Co) was given four hours extra duty on quarter deck for negligence in the performance of duty, and W<sup>m</sup> Simpson (Co) same punishment for leaving boat while boat keeper.

A.P.C.B. Linn

Meridian to 1 P.M. Clear and hot. Light breeze from E. N. E. first part, calm latter part. At 3.00 "Richmond" made signal 1087. Sent a boat in obedience to signal. Sent a descriptive list of H. Gilbert, (M.M.) and August Budian (S. Cook) with an offer of \$100<sup>00</sup> reward, each for their apprehension and delivery on board.

W.W. Linn Master

11 to 8 P.M. Weather clear and warm. Light variable airs. Barometer steady. Mustered port quarters at 11.45. At 6<sup>25</sup> made interrogatory signal 2253; the "Richmond" answered 904. At 6<sup>50</sup> sent down top gallant yards, sent the light sails, and recrossed top gallant yards. Averiod at end of watch 30.16.

A.P.C.B. Linn

8 P.M. to Midnight. Pleasant weather. Calm first hour, light breeze from S S W latter part. Barometer steady. Averiod barometer 30.16.

W.W. Linn Master

Moon 1/2 mid Examined and found to be correct.

Dec 16. 57. 30 N

Phase 7. m.

W. F. Parker  
Lieut 8 Navigator.

## LOG of the UNITED STATES

Steamer "Esso", 3d Rate, 6 Guns,  
Yokohama, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Anchored	7 N 2 W	Balm	0	30.10	79 78 76						bc	Cirrus	8	S	
2	"	W N W	"	0	30.10	79 78 76						"	"	8	"	
3	"	"	"	0	30.10	79 78 76						"	"	8	"	
4	"	N	"	0	30.10	79 78 76						"	"	7	"	
5	"	W S W	"	0	30.11	78 78 75						"	"	6	"	
6	"	"	N N W	1	30.12	77 74 74						bc	Cirrus	5	"	
7	"	W	N W	1	30.13	77 76 73						bcf	Cirrus	11	"	
8	"	"	"	1	30.13	77 76 73						"	"	1	"	
9	"	"	"	1	30.13	79 78 73						bc	"	3	"	
10	"	N E	N N E	1	30.11	81 79 75						"	"	11	"	
11	"	"	"	1	30.11	81 80 77						"	"	6	"	
Noon.	"	"	"	1	30.11	81 80 77						"	"	6	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

350 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2150 "

"

Coal consumed during the preceding 24 hours

tons 300 lbs.

"

Coal remaining on hand at Noon

1311 " 728 "

"

P. M.																	
1	"	N E	Balm	0	30.11	83 83 77						bc	Cirrus	7	"		
2	"	"	"	0	30.10	83 83 77						"	"	7	"		
3	"	"	S E	1	30.10	84 83 77						"	"	6	"		
4	Standing down Bay	"	"	2	30.10	84 88 82						"	"	6	"		
5	Off yaddo.	"	"	2	30.08	83 82 77						"	"	11	"		
6	"	S N x S	"	2	30.08	82 80 78						bc	Cirrus	11	"		
7	8 5	S N N W	"	2	30.08	82 80 77						bc	"	1	"		
8	8 8	"	"	1	30.08	82 80 77						"	"	6	"		
9	9 0	"	S N x W	1	30.09	84 81 77						bc	Cirrus	5	"		
10	9 0	"	"	1	30.11	83 81 77						"	"	1	"		
11	8 6	"	"	1	30.10	83 81 77						bc	Cirrus	2	"		
Mid.	9 0	"	"	1	30.10	83 81 77						bc	"	3	"		

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. M<sup>o</sup> Connick, U. S. Navy,

Saturday, August 25, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Clear and pleasant. Calm.  
Moonlight. Aneroid 30.20. Wainwright-Keevyg  
on First

11 to 8 A.M. Weather clear first part of watch, foggy latter part.  
Light variable airs and calms. Barometer rising. Making  
preparations for sea. Row off stunsail gear. Aneroid at end  
of watch 30.21. ~~on First~~

8 A.M. to Meridian. Clear and hot. Light breeze from NNE.  
At 9<sup>00</sup> made the signal for 1 absentee and at 10<sup>00</sup> signal for 2  
sick. At 9<sup>30</sup> went on deck and mustered the crew, secured  
battens for sea. At 10<sup>15</sup> aired bedding. Patrick Carroll, (1st Fire)  
was transferred to the U.S.A. Hospital ashore with bag and  
hammock. Aneroid barometer 30.16. Received on board two  
boxes of navigation stores for Palos. ~~on First~~

Meridian to 11 P.M. Clear and pleasant. Light variable  
airs and calms. At 12<sup>30</sup> made signal 45 to Flagship and  
answered 904. Started fires under six boilers. At 2<sup>30</sup> made signal  
604. Flagship answered 904. Making preparations for sea.  
Dove iron starboard chain to 15 fathoms. At 3<sup>00</sup> called all  
hands and hove up starboard anchor and stood out of harbor  
of Yokohama; remainder of watch standing down Bay of Yedo.  
Aneroid 30.12. Wainwright-Keevyg  
on First

11 to 6 P.M. Weather clear and pleasant. Light breeze from SE  
to SW by S. Barometer steady. Under steam pressure 50 lbs and  
58 revolutions. Aneroid barometer 30.18. ~~on First~~

6 to 8 P.M. Weather partly cloudy and pleasant. Steaming out  
of Yedo Bay under direction of Commanding Officer. Pressure  
and 52 lbs. Revolutions 55. Quenched at end of watch 30.18. Last sight  
of Tama Shiba light at 9.15 bearing N.E. 1/2 E. ~~on First~~

8 P.M. to Midnight. Cloudy and threatening rain. Light breeze  
from S.W. by S. Smooth sea. At 9<sup>20</sup> saw Simashib light bore S.E. and  
passed S.E. At 9.40 sighted Rock Island light bearing S. 1/2 W.  
at 11<sup>45</sup> it bore S. 1/2 W. & N. changed course to W. by S. Patent log  
recording 15.7 miles. At 11<sup>55</sup> again bore abeam. Revolutions  
52. Slewed 55 lbs. Patent log at end of watch 17 p.m. Aneroid 30.18  
~~on First~~

W.H. Connick Master

Moon mid Examined and found to be correct.

Dec 18. 46. 39 m.

Phase 2. Gr.

W. J. Parker  
Lieut 3 Navigator.

LOG of the UNITED STATES

Steamer "Essex"

3d Rate, 6 Guns,

Making passage from Yokohama to Nagasaki, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	9 6	21 1/2 S	Balm	0	30.10	81	79	77	80	"	"	Sc	Cum	11	8	
2	9 6	"	"	0	30.10	81	79	77	80	"	"	"	Cloudy	6	"	
3	9 0	"	S 1/2 W.	1	30.10	80	79	77	80	"	"	"	"	6	"	
4	8 0	"	"	1	30.09	80	79	77	80	"	"	"	"	6	"	
5	8 6	"	West	2	30.05	80	78	77	80	"	"	Gum	8	6	"	
6	8 5	"	"	2	30.04	80	78	77	80	"	"	Cum	8	6	"	
7	9 0	"	"	2	30.04	79	78	75	80	"	"	"	"	5	"	
8	8 5	"	"	3	30.04	79	78	75	80	"	"	"	"	3	"	
9	8 11	"	"	3	30.06	80	78	75	80	"	"	Gum	2	2	"	
10	8 5	"	"	3	30.08	80	78	74	79	"	"	"	Gentle	2	"	
11	5 5	SW 1/2 W	"	2	30.08	81	79	73	79	"	"	"	"	14	"	Set all fore and aft sail
Noon.	10 0	"	"	2	30.09	81	80	73	79	"	"	"	"	3	"	

Distance run by Log since preceding Noon

159.6 knots — fathoms.

Latitude by D. R. at Noon

° ° "

Longitude by D. R. at Noon

° ° "

Latitude by Observations at Noon ☽

° ° "

Longitude by Chronometer from Forenoon Observations ☽

° ° "

Current during the time      knots      fms. per hour, setting to the

° ° "

Variation of the Compass by Amplitude ☽ observed at Sunrise

° ° "

Variation of the Compass by Azimuth ☽ observed at

° ° "

Water expended during the preceding 24 hours

350 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1800 "

Coal consumed during the preceding 24 hours

15 tons 1500 lbs.

Coal remaining on hand at Noon

118 " 1468 "

P. M.																	
1	9 0	S 11 1/2 W	West	1	30.08	83	81	75	79	Sc	Cum	11	"				
2	8 8	"	S + W	1	30.07	84	83	75	79	"	"	1	5	"			
3	8 14	"	"	2	30.07	84	83	75	79	"	"	+	11	"			
4	8 8	"	"	2	30.07	84	83	75	80	"	"	+	3	"			
5	8 5	S 11 1/2 N 4 1/2 W	"	1	30.07	83	82	75	81	"	"	Gum	11	"			
6	7 0	W 11 1/2 N 2 1/2 W	"	1	30.07	82	81	75	81	"	"	3	4	"			
7	8 5	W 11 1/2 N	North	2	30.07	82	81	75	81	"	"	Gum	2	"			
8	10 0	"	"	2	30.07	82	81	75	81	"	"	+	11	"			
9	10 5	"	"	2	30.08	81	80	75	81	"	"	+	3	"			
10	9 5	N 11 1/2 W	N NW	2	30.08	81	80	75	81	"	"	-	5	"			
11	8 0	"	"	2	30.07	82	81	75	81	"	"	Gum	6	"			
Mid.	6 0	:	:	2	30.07	82	81	75	81	"	"	+	7	"			

Longitude by Chronometer from Afternoon Observations ☽

° ° "

Longitude by Chronometer from Observations \*

° ° "

Variation of the Compass by Amplitude      observed at Sunset

° ° "

Variation of the Compass by      at

° ° "

under the command of

Commander A. G. M<sup>c</sup>Cormick, U. S. Navy,  
Sunday, August 26, 1883

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Clear, and pleasant. Light airs from N.E.  
Smooth sea, steaming under six boilers. Av. steam 52 lbs. 50 Revolutions. At  
12<sup>o</sup> sighted Onam Saki light bearing N. N. W. At 1<sup>30</sup> lost sight of Rock Island  
light bearing E by N. At 3<sup>o</sup> Onam Saki light bore abeam. Moonlight  
Aneroid 30.15.

Wainwright Keenoy

on First

11 to 8 A.M. Weather pleasant. Light to gentle breeze from N. Barometer  
steady. Cumulus, cirrus, and alto-cumulus clouds. Under steam, press-  
ure 51 lbs, and 54 revolutions. At daylight land was reported from  
about two points on port bow. At early daylight lost sight of Onam  
Saki light, it bearing about N. E. by E  $\frac{1}{4}$  E. Steamer in sight on starboard  
quarter standing N. and N. W. Aneroid barometer 30.15.

7/8th Watch First

8 A.M. to Meridian. Weather cloudy and pleasant. Gentle breeze  
from N<sup>o</sup>, Barometer rising. Windward at quarters at 9.15. At 10.40  
changed course to S  $\frac{1}{4}$  W. At 10.5° set all fore and aft sail. Running  
along by bearings of land. Steam pressure 55. Puls 52. Aneroid 30.12.

After First

Meridian to 11 P.M. Cloudy and warm. Light breeze from N.E.  
the wind to S by W. Barometer steady. Sailed in sight at all along  
on starboard side. Steam 55 lbs. Puls 50. Aneroid barometer 30.10.

(W. McInnis) Master

11 to 6 P.M. Cloudy and warm. Light variable air. Smooth sea.  
At 4<sup>o</sup> changed course to S by W  $\frac{3}{4}$  N. At 5<sup>o</sup> <sup>Pat. log showing 63 3/4 miles</sup> sighted Osuma light  
bearing N. W. At 5<sup>o</sup> changed course to W  $\frac{8}{9}$  N.  $\frac{1}{2}$  W. Pat. log 71.6. At 6<sup>o</sup> Osuma  
bore abeam, distant 5 miles. Pat. log at end of watch 78 miles. Steaming  
under six boilers. Steam 55 lbs. Puls 50. Aneroid 30.12.

Wainwright Keenoy on First

6 to 8 P.M. Weather clear, and pleasant. Light breeze from N. Barometer  
steady. Under steam, press. 53 lbs, and 51 revs. At 6<sup>o</sup> changed course to  
N N W by order of Captain. Pat. log reading 86.6 miles, and Hiro Misaki light  
bearing S by W  $\frac{1}{4}$  N. distant 3 miles. At 7.12 Hiro Misaki light bore abeam  
At 8<sup>o</sup> pat. log read 97.26 miles. Land, and lights on shore plainly  
visible on starboard beam, Aneroid barometer 30.11.

7/8th Watch First

8 P.M. to Midnight. Weather cloudy and pleasant. Light air from  
N N E. Barometer steady. At 9.04 changed course to S N  $\frac{1}{2}$  E. Pat.  
log showing 107.5. Running along the coast under direction of Com-  
manding Officer. Sloped down and stopped steaming on account  
of hot journals. Got a cast of the lead in 55 fms water, black sandy  
bottom, started steaming at 11.20. Changed course temporarily  
several times to avoid fishing junks. Aneroid 30.12.

After First

Moonlight Examined and found to be correct.

Dec 19. 26. 54 n.

Phase L. gr.

W. F. Parker  
Lieut & Navigator.

LOG of the UNITED STATES

Steamer "Essex", 3d Rate, 6 Guns,  
Making Passage from Yokohama to Nagasaki, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	8	6	NW by N	N	2		30.09	82	81	74	81	Sc	Cirrus	8	S	
2	8	0	N by W	"	3		30.09	82	81	74	81	"	"	7	"	
3	6	2	NE by E	"	3		30.09	82	81	74	81	"	"	7	"	
4	6	6	N-E by E	"	3		30.09	82	81	74	81	"	"	7	"	
5	4	5	N-E by E	"	3		30.09	82	81	74	81	"	"	6	"	
6	6	6	N-E by E	NNE	2		30.10	81	79	73	80	"	Cumulus	5	"	
7	5	5	N-E by E	"	2		30.11	79	78	72	80	"	"	5	"	
8	Standing through Island Sea		NW	NW	1		30.12	79	78	72	80	"	Cirrus	7	"	
9	"	"	NW	NW	2		30.11	79	78	72	80	"	"	7	"	
10	"	"	"	"	2		30.11	79	79	73	80	"	"	8	"	
11	"	"	NW	NW	1		30.10	79	79	72	80	"	"	8	"	
Noon.	"	"	N.	N.	1		30.10	80	81	72	80	"	"	9	"	

Distance run by Log since preceding Noon

158.3 knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

360 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1400 "

Coal consumed during the preceding 24 hours

15 tons 1100 lbs.

Coal remaining on hand at Noon

103 " 68 "

P. M.																	
1	"		West	"	1		30.10	83	83	77	81	Sc	Cirrus	8	"		
2	"	"	"	"	1		30.09	83	83	80	81	"	"	8	"		
3	"	"	"	"	1		30.08	84	85	83	82	"	"	7	"		
4	"	"	"	"	1		30.07	84	86	84	82	"	"	6	"		
5	"	"	Calm.	0	0		30.08	87	87	86	82	"	"	8	"		
Anchored	12h.	NW	NW	1			30.08	87	85	84	82	"	Cirrus	6	"		
7	"	"	"	"	1		30.08	87	85	84	82	"	"	6	"		
8	"	N-E	W-E	1			30.09	85	83	82	"	"	"	8	"		
9	"	N-E	N-E	2			30.05	81	81	72	"	"	Cirrus	9	"		
10	"	N-E	N-E	3			30.05	81	79	71	"	"	"	9	"		
11	"	"	"	3			30.04	80	78	71	"	"	"	9	"		
Mid.	"	East	East	2			30.04	80	78	71	"	"	"	9	"		

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude observed at Sunset

°

"

Variation of the Compass by at

°

"

under the command of

Commander A. G. M<sup>o</sup> Connick

, U. S. Navy,

Monday. August 27<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Pleasant weather. Moderate breeze from North, smooth sea. Standing up Kio channel under direction of the Commanding Officer. At 1° changed course to N by W, patent log recording 37 miles. At 8° made Tomangai Sima light bearing N 3/4 E and hauled up to N.N.E. patent log recording 46. At 20° changed course to N 3/4 E. patent log 52.3. At 34° changed course to N E. patent log 57 1/2. At 35° changed course to N by E 1/4 E. patent log 58 1/4. At 35° changed course to N by E 1/4 E. patent log 57 1/4. At 4° it registered 60 1/4. Steams 47 lbs. Press 46. Aneroid barometer 30.15.

W.W. Inn Master

4 to 8 A.M. Hazy. Pleasant. Light variable airs from N<sup>o</sup> and E<sup>o</sup>. At 4<sup>20</sup> passed through the Straits of Isumi. Steaming remainder of watch to Straits of Akasi No Sets. At 7<sup>50</sup> entered the Straits of Akasi No Sets. Aneroid 30.20. Steaming under six boilers. At 4<sup>05</sup> changed course to N by E 3/4 E. At 6<sup>48</sup> changed course to N by E, at 7<sup>25</sup> to North, at 8<sup>05</sup> to N W.

Wainwright-Keevy Lieutenant

8 A.M. to Meridian. Weather clear and pleasant. Light breeze from W to N N W. Barometer steady. At 9<sup>15</sup> mustered and inspected crew at quarters and exercised 1st and 3d divisions at small arms, and 3d division at single sticks. After quarters had battalion drill. At 10° lowered a boat and sent her alongside of a junk which appeared to be waterlogged and the crew of which were signalling for assistance but another junk coming up at the same time as our boat, the distressed crew addressed themselves to their countrymen for assistance. Hoisted our boat and stood on. Ship under steam. Press. 48 lbs. and 53 revs. Aneroid bar. 30.15.

J. A. Whynot, Lieutenant

Meridian to 11 P.M. Weather clear and warm. Light airs from N<sup>o</sup>. Barometer falling. Standing to N<sup>o</sup> through Inland Sea under direction of Commanding Officer shaping course by bearings of land. Passed Nasahima light house at 8.48. Aneroid at end of watch 30.06. Steam pressure 60 lbs. Avolution 55.

P. C. Lee Lieutenant

4 to 6 P.M. Clear and hot. Calm first hour, light airs from N<sup>o</sup> last hour. Standing to N<sup>o</sup> for anchorage for the night. At 5<sup>15</sup> called all hands bring ship to anchor and at 5<sup>45</sup> came to with starboard anchor in 9 fathoms water setting to 30 fathoms chain. North end ~~Sakome~~ Island N N 8 3/4 E. North end of ~~Siwa~~ Sima bearing E by S. Ship had South. Banked fires and commenced distilling.

W.W. Inn Master

6 to 8 P.M. Clear and warm. Light variable airs from N<sup>o</sup>. At anchor. Banked fires. Distilling. Bright starlight last hour. Aneroid 30.04.

Wainwright-Keevy Lieutenant

8 P.M. to Midnight. Clear and pleasant weather. Light to gentle breeze from E N N E. Barometer steady. Distilling water.

J. A. Whynot, Lieutenant

Moon and Examined and found to be correct.

Dec 18. 59. 40 N

Phase L. Qr.

W. H. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

*Steamer "Eased"*  
3d Rate, 6 Guns,  
Making Passage from Yokohama to Nagasaki, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1 Anchored	6.8 E		NE	2			30.06	80	79	72		Sc	cirrus	9	8	
2	"		"	2			30.06	80	80	73		"	"	9	"	
3	"		"	2			30.06	79	79	73		"	"	8	"	
4	"		"	2			30.06	79	79	72		"	"	9	"	
5	"		"	2			30.06	79	79	72		"	"	7	"	
6	5.6		Passing thru Pt. A N W	2			30.08	79	78	72		"	cir	8	"	
7	7.2		Sul and sea	N N W	3		30.08	79	78	72	81	"	"	9	"	
8	7.2		"	3			30.08	79	78	72	81	"	"	9	"	
9	8.0		"	Var	0-1		30.10	78	78	72	81	"	"	9	"	
10	8.0		"	0-1			30.10	80	80	76	81	"	"	9	"	
11	8.0		"	0-1			30.10	82	81	78	81	"	"	9	"	
Noon.	8.6		"	N N E	1		30.08	81	82	76	81	"	"	9	"	

Distance run by Log since preceding Noon

51.6 knots fathoms.

Latitude by D. R. at Noon

° " "

Longitude by D. R. at Noon

° " "

Latitude by Observations at Noon ☽

° " "

Longitude by Chronometer from Forenoon Observations ☽

° " "

Current during the time      knots      fms. per hour, setting to the

° " "

Variation of the Compass by Amplitude ☽ observed at Sunrise

° " "

Variation of the Compass by Azimuth ☽ observed at

° " "

Water expended during the preceding 24 hours

350 gallons.

Water distilled      during the preceding 24 hours

1350 "

Water remaining on hand fit for use at Noon

2450 "

Coal consumed during the preceding 24 hours

10 tons 200 lbs.

Coal remaining on hand at Noon

92 " 2108 "

P. M.																
1	9.0	"		8 N E	3		30.00	81	82	74	81	Sc	cirrus	8	"	
2	8.0	"		"	3		30.01	82	82	74	81	"	"	8	"	
3	8.5	"		9 N S	3		30.02	82	83	73	81	"	"	7	"	
4	8.0	"		"	3		30.02	83	83	73	81	"	"	8	"	
5	8.6	"		9 N	2		30.02	83	82	76	80	"	"	6	"	
6	8.8	"		"	2		30.02	83	82	78	80	"	"	7	"	
7	8.0	"		"	2		30.01	83	81	77	80	"	"	7	"	
8	0	"		"	2		30.00	81	80	77	80	"	"	7	"	
9	"	"		9 N S N	2		30.01	81	80	77		Sc	cirrus	8	"	
10	"	"		"	2		30.01	80	80	77		"	"	8	"	
11	"	"		"	2		30.03	79	79	74		"	"	8	"	
Mid.	"	"		"	2		30.03	79	78	73		"	"	8	"	

Longitude by Chronometer from Afternoon Observations ☽

° " "

Longitude by Chronometer from Observations \*

° " "

Variation of the Compass by Amplitude      observed at Sunset

° " "

Variation of the Compass by      at

° " "

under the command of

Commander A. H. M<sup>c</sup> Connick

, U. S. Navy,

Tuesday August 28<sup>th</sup> , 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather clear and pleasant. Pale moonlight, light airs from N.E. Barometer steady. Distilling. Aneroid at end of watch 30.10.

At 4 A.M. Lint  
4 to 8 A.M. Clear and pleasant. Light breeze varying from N.E. to N.W. At 5<sup>th</sup> called all hands up anchor. Hoisted starboard anchor and at 5<sup>20</sup> started ahead one bell and at 5<sup>30</sup> rung four bells. Remainder of watch standing <sup>at</sup> Island sea to the Westward under direction of the Commanding Officer. Steam 51 lbs. Pews 149 Aneroid barometer 30.10.

8 A.M. to Meridian. Clear. Warm. Light variable airs. Steaming under six boilers. 55 lbs steam. 50. Pews. Standing down the Island sea. At 10<sup>20</sup> entered the Misima Kada. Remainder of watch standing SW by S. Aneroid 30.06. W.W. Brown Master

Meridian to 11. P.M. Weather clear and pleasant. Gentle breeze from S.W. to W by S. Barometer falling. Under steam. Pressure 60 lbs and 47 revolutions. Standing through Island sea. Captain piloting. Passed a Japanese steamer standing to the N<sup>th</sup> and E<sup>o</sup>, she dipped which civility we returned. Aneroid bar. 30.06 W.L. Lint

11 to 6. P.M. Weather clear and pleasant. Light airs from W. Barometer steady. Steaming through Island sea under pilotage of Commanding Officer. Steam pressure 60 lbs. Pews 50. Aneroid at end of watch 30.05. W.L. Lint

6 to 8. P.M. Pleasant weather. Gentle breeze from W by S. Smooth sea. At 7<sup>th</sup> called all hands bring ship to anchors and at 7<sup>20</sup> came to with starboard anchor on south side of Hinu Hinu Island in 4<sup>1/4</sup> fathoms of water, owing to 30 fathoms on starboard chain. Patent log recording 89.8. Sent a boat out to take soundings around the ship. Launched fire and commenced distilling. Aneroid barometer 30.08. W.W. Brown Master

8 P.M. to Midnight, Wary. Pleasant. Light breeze from W.S.W. At anchor. Drank & filled. Distilling. Slack water at 9.30 and at 10<sup>20</sup> finished surveying to tide from N<sup>o</sup>. Aneroid 30.09. W.L. Lint

Moonlight Examined and found to be correct.

Dec 17. 27. 12 N

Phase 2. 9<sup>o</sup>

W. H. Parker  
Lint & Navigator.

LOG of the UNITED STATES

Steamer "Essex"

3d Rate, 6 Guns,

Making Passage from Yokohama to Nagasaki Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Anchored	65E	NE $\frac{1}{2}$ N	2			30.01	78	78	73		bc	Cirrus	9	S	
2	"	E 4 S.	"	2			30.01	78	78	73		"	"	9	"	
3	"	"	"	1			30.01	78	78	73		"	"	9	"	
4	"	"	"	1			30.01	78	78	72		"	"	9	"	
5	8	0	Passing thru' Island Sea	W N W.	2		30.02	78	78	73	81	"	"	7	"	
6	8	5	Island Sea	"	2		30.04	78	78	74	81	"	"	8	"	
7	8	0	"	"	1		30.05	79	78	74	81	"	"	8	"	
8	8	6	"	"	1		30.06	79	78	73	81	"	Cir	8	"	
9	9	0	"	"	1		30.07	80	79	73	81	bcum	"	5	"	
10	8	8	"	"	2		30.06	82	80	78	81	"	"	8	"	
11	5	5	W N W.	W S W.	1		30.06	84	82	73	80	"	"	9	"	
Noon.	8	8	"	"	1		30.06	84	83	74	80	"	"	9	"	

Distance run by Log since preceding Noon

126.2 knots fathoms

Latitude by D. R. at Noon

° ' "

Longitude by D. R. at Noon

° ' "

Latitude by Observations at Noon ☽

° ' "

Longitude by Chronometer from Forenoon Observations ☽

° ' "

Current during the time      knots      fms. per hour, setting to the

° ' "

Variation of the Compass by Amplitude ☽ observed at Sunrise

° ' "

Variation of the Compass by Azimuth ☽ observed at

° ' "

Water expended during the preceding 24 hours

350 gallons.

Water distilled during the preceding 24 hours

650 "

Water remaining on hand fit for use at Noon

2450 "

Coal consumed during the preceding 24 hours

12 tons 820 lbs.

Coal remaining on hand at Noon

80 " 1360 "

P. M.																
1	9	0	SW SW $\frac{1}{2}$ W	WSW	1		30.04	83	83	75	82	bc	Cirrus	7	S	
2	9	0	"	"	1		30.07	82	83	75	82	"	"	7	"	
3	7	0	SW SW $\frac{1}{2}$ W	"	2		30.05	84	84	76	82	"	"	7	"	
4	8	6	"	"	2		30.04	83	83	76	82	"	"	7	"	
5	Landings in Formosa	Off Macao	W.	"	3		30.02	80	80	76		"	"	7	"	
6	Anchored	WSW	WSW	"	2		30.00	83	83	76		"	"	4	"	
7	"	"	"	"	2		30.00	83	82	75		scum	atmos	5	"	
8	"	"	"	"	2		30.02	82	82	75		"	"	6	"	
9	"	"	"	"	1		30.04	82	82	75		"	Cirrus	8	"	
10	"	8	Calm	0	0		30.06	80	79	75		"	"	7	"	
11	"	"	"	"	0		30.06	79	78	74		"	"	7	"	
Mid.	"	"	"	"	0		30.06	78	76	73		"	"	7	"	

Longitude by Chronometer from Afternoon Observations ☽

° ' "

Longitude by Chronometer from Observations \*

° ' "

Variation of the Compass by Amplitude observed at Sunset

° ' "

Variation of the Compass by

° ' "

under the command of

Commander A. H. C. M<sup>o</sup> Cornick

, U. S. Navy,

Wednesday. August 29<sup>th</sup> , 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather clear and pleasant. Light breeze from N by W. Barometer steady. Stopped distilling at 2.30 and spread fire at 3. Called all hands up anchor at 3.45, and started ahead slow at 3.53, and went ahead fast at four. Aneroid barometer 30.08.

Haul to haws, Lieut

4 to 8. A.M. Weather clear and pleasant. Light airs from N N E. Barometer rising. Steaming through Inland Sea under direction of Commanding Officer. At end of watch Isaki light house bore N N W. distant about 3/4 miles. Steam 60. Aver. 50. Aneroid at end of watch 30.11

Officer Lieut

8 A.M. to Meridian. Hazy and warm. Light breeze from N N W. to N S W. Standing through Inland Sea to the W<sup>th</sup> <sup>Passage</sup> <sup>of</sup> <sup>the</sup> <sup>Nagoya</sup> <sup>Strait</sup> at 10° took departure Ai Sawa buoy bearing N by E or E. distant 1/2 mile, shaped course N by E. patent log recorded 9.7 miles. Avg. 15 measured and inspected at quarters. At 10.<sup>45</sup> changed course to N S W. by N. Patent log at end of watch recorded 7 miles. Steam 49 lbs. Aver 50. Aneroid barometer 30.09.

W.W. Winn Master

Meridian to 1 P.M. Hazy and hot. Light airs from N S W. Smooth sea, standing along western shore of Japan under six boilers, 55 lbs of steam to boiler. At 3<sup>rd</sup> passed Iwao light house. At 2° changed course to S W 3/4 N. Averoid 30.06.

W.W. Winn Lieut

4 to 6. P.M. Weather clear and pleasant. Gentle breeze from N to N S W. Barometer steady. Under steam. At 4.<sup>45</sup> slowed down and at 5° came to with starboard anchor in eleven fathoms of water owing to 30 fathoms of chain. Bearings of anchorage are North Bluff N N W. and Head Point N. N E. Aneroid bar. 30.05. Drank a fire.

Haul to haws, Lieut

6 to 8. P.M. Weather clear and pleasant. Gentle breeze from N S W. Barometer steady. Distilling fresh water. Averoid 30.05

Officer Lieut

8 P.M. to Midnight. Cloudy and damp. Calm greater part of watch Barometer steady. Aneroid barometer 30.10.

W.W. Winn Master

Moon, New Examined and found to be correct.

Dec 14. 57. 36 N

Phase L. 9.

W. J. Parker  
Lieut & Navigator.

LOG of the UNITED STATES

Steamer *Essex*, *Fe Rate,* *Guns,*  
*Making passage from Yokohama to Nagasaki Japan.*

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. at'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	S.		Calm	0			30.06	77	77	74		Sc	Cicum	8	S	
2 "	"		"	0			30.06	77	77	74		"	"	8	"	
3 "	"		"	0			30.06	77	77	74		"	"	8	"	
4 "	"		"	0			30.05	77	77	74		"	"	7	"	
5 "	"		"	0			30.03	77	77	74		"	Cumulus	3	"	
Standing out of Yokohama Harbor	W. x N.		W. x N.	1			30.03	78	78	74	79	"	"	1	"	
7 9 0	SW 1/4 N 1/4 E		S x N	3			30.05	78	78	74	79	bcp.	Altocumulus	2	"	
8 2 5	SW 1/4 S		"	3			30.05	79	78	76	79	Sc	"	2	"	
9 7 0	"		"	2			30.08	80	80	76	80	"	Cicumulus	3	"	
10 8 6	S x N 3/4 W		S SW	2			30.10	81	81	76	80	"	"	4	"	
11 8 0	S S E 3/4 E		"	2			30.11	81	81	76	80	"	Cicumulus	5	"	
Noon.	8 2		S E by S.	S SW x S	2		30.14	81	80	76	80	"	"	5	"	

Distance run by Log since preceding Noon

76.3 knots fathoms

Latitude by D. R. at Noon

° " "

Longitude by D. R. at Noon

° " "

Latitude by Observations at Noon ☽

° " "

Longitude by Chronometer from Forenoon Observations ☽

° " "

Current during the time      knots      fms. per hour, setting to the

° " "

Variation of the Compass by Amplitude ☽ observed at Sunrise

° " "

Variation of the Compass by Azimuth ☽ observed at

° " "

Water expended during the preceding 24 hours

360 gallons.

Water distilled during the preceding 24 hours

350 "

Water remaining on hand fit for use at Noon

2750 "

Coal consumed during the preceding 24 hours

9 tons 2140 lbs.

Coal remaining on hand at Noon

70 " 1160 "

P. M.	4 2	S 8 x S.														
1	4 2	S 8 1/2 E.	E S E	3			30.10	82	80	76	80	Sc	Altocumulus	2	"	
2	"	"	"	3			30.08	83	81	76	80	"	"	2	"	
Anchored	S. W.	S W.	1				30.08	83	81	76		"	Cicumulus	3	"	
4 "	"	"	"	1			30.08	83	81	76		"	"	3	"	
5 "	"	"	"	1			30.09	82	81	76		Sc	"	5	"	
6 "	"	"	"	1			30.10	82	81	76		"	"	5	"	
7 "	"	"	"	1			30.10	82	81	76		"	Cicumulus Cumulus	4	"	
8 "	"	"	Calm	0			30.10	82	81	76		"	Alt	9	"	
9 "	"	"	"	0			30.10	81	81	76		"	"	8	"	
10 "	"	"	"	0			30.10	80	80	75		"	"	8	"	
11 "	"	"	"	0			30.11	79	79	75		"	"	8	"	
Mid.	"	"	"	0			30.11	79	79	75		"	"	8	"	

Longitude by Chronometer from Afternoon Observations ☽

° " "

Longitude by Chronometer from Observations \*

° " "

Variation of the Compass by Amplitude observed at Sunset

° " "

Variation of the Compass by      at

° " "

under the command of

Commander A. H. M<sup>o</sup> Connick

, U. S. Navy,

Thursday. August 30

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Calm. At anchor  
Banked fires. Aneroid 30.10. Morning light ~~Keenoy~~  
W.R. Lumb

4 to 8 A.M. Weather pleasant, passing showers of rain in third hour  
of watch. Breeze light to gentle from N by W to S by W. Barometer  
steady. Spread fires at 5. Brought to port starboard chain and hove  
short at 5:20. Hove up the anchor and went ahead at 5<sup>45</sup> and stood out  
of ~~of~~ Harbor. At 6<sup>00</sup> the Captain put the ship on the course S<sup>15</sup>E by  
W<sup>15</sup> N and at 7<sup>45</sup> changed it to S<sup>15</sup>E by S. Under steam press. 51 lbs and 55  
revolutions. Aneroid barometer 30.15.

W.H. Lumb  
8 A.M. to Meridian. Weather cloudy and pleasant. Light variable air  
and calm. Barometer rising. Mustered at quarters at 9:30 and ex-  
ercised 1st div. at howitzer, Qs Div and Marine guard at small arms. 3d div.  
at Gatting gun and powder division ab passing powder. Steaming  
through Sps Straits and stood for Nagasaki Harbor under direction  
of Commanding Officer. At 10<sup>20</sup> shaped course off sail rock to S by E<sup>15</sup> N.  
At 11<sup>00</sup> to S S E<sup>15</sup> E. At 11<sup>50</sup> to S E by S. Aneroid 30.15. Pat. log 90.5 S<sup>15</sup> E<sup>15</sup> 55  
lbs. Revolutions 56.

Other Lumb  
Meridian to 11 P.M. Cloudy and hazy. Light air from E S E. haul-  
ing to S W. Standing in for anchorage in Nagasaki harbor under  
guidance of Commanding Officer. At 2<sup>20</sup> hauled all hands bring  
ship to anchor and at 2<sup>52</sup> came to with the port anchor in 8 fathoms  
water running to 30 fathoms on port chain. Hauled in patent log  
recording 12.5 miles. Hauled fires, sent down mast and yardarms  
Received a visit from U.S. Consul also a visit from Japanese flagship  
in port tendering usual courtesies. Bearings of anchorage. Oyama  
point bears S. W. Muaji point N N W<sup>15</sup> W. Ships head S N E. Ship draft  
fore 18<sup>ft</sup> 3<sup>in</sup>, aft 18<sup>ft</sup> 6<sup>in</sup>. Aneroid barometer 30.15.

W.W. Lumb Master  
4 to 8 P.M. Weather partly cloudy and pleasant, light air from S W.  
Barometer steady. Mustered at quarters at 4<sup>45</sup>. The American Consul  
left the ship at 5<sup>00</sup>. Sent an Officer to tender thanks to Japanese  
ship of war for civilities, also to board American vessels in harbor.  
Aneroid at end of watch 30.14.

Other Lumb  
8 P.M. to Midnight. Clear and pleasant. Barometer steady.  
Aneroid 30.15.

W.W. Lumb Master

Moon found Examined and found to be correct.

Dec 11. 46. 24 N

Phase 2. 9<sup>o</sup>.

W. J. T. Porcher  
Navigator.

## LOG of the UNITED STATES

Steamer "Essex"

3d Rate, 6 Guns,

Nagasaki, Japan

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	N 8 E		Calm	0			30.13	80	78	75		bc	cirrus	6	8	
2	"		"	0			30.13	79	78	70		"	"	5	"	
3	"		"	0			30.13	79	78	70		"	"	11	"	
4	"		"	0			30.13	78	74	74		"	"	6	"	
5	"		"	0			30.11	75	77	73		"	cirrus	5	"	
6	"		"	0			30.11	74	77	73		"	"	4	"	
7	"		"	0			30.11	74	77	74		"	cirrus	5	"	
8	"		"	0			30.12	79	78	74		"	"	6	"	
9	"		S E	S E	0		30.12	80	79	74		"	"	5	"	
10	"		S W.	S W.	0		30.12	81	81	75		"	cirrus	3	"	
11	"		"	"	1		30.12	81	81	75		"	"	4	"	
Noon.	"		"	"	1		30.12	81	81	75		"	"	4	"	

Distance run by Log since preceding Noon

8.4 knots fathoms.

Latitude by D. R. at Noon

° " "

Longitude by D. R. at Noon

° " "

Latitude by Observations at Noon ☽

° " "

Longitude by Chronometer from Forenoon Observations ☽

° " "

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise      ° " "

Variation of the Compass by Azimuth ☽ observed at      ° " "

Water expended during the preceding 24 hours      350 gallons.

Water      during the preceding 24 hours      " "

Water remaining on hand fit for use at Noon      2100 " "

Coal consumed during the preceding 24 hours      1 tons 260 lbs.

Coal remaining on hand at Noon      69 " 1200 " "

P. M.																
1	"	S. W.	S. W.	1			30.11	82	81	75		bc	cirrus	5	3	
2	"	"	"	1			30.11	83	82	75		"	cirrus	6	"	
3	"	"	"	1			30.11	83	81	75		"	"	11	"	
4	"	"	"	1			30.10	83	82	75		"	"	3	"	
5	"	"	"	1			30.11	83	82	75		"	"	3	"	
6	"	"	S S W.	1			30.11	83	82	75		"	cirrus	3	"	
7	"	"	Calm	0			30.10	83	82	75		"	"	2	"	
8	"	"	"	0			30.10	83	82	75		oc	cirrus	0	"	
9	"	"	S.	0			30.10	81	81	75		bc	cirrus	3	"	
10	"	N E	"	0			30.10	81	81	75		"	"	3	"	
11	"	"	"	0			30.10	80	80	75		bcp	"	11	"	
Mid.	"	"	"	0			30.10	80	80	75		bc	"	7	"	

Longitude by Chronometer from Afternoon Observations ☽

° " "

Longitude by Chronometer from Observations \*

° " "

Variation of the Compass by Amplitude      observed at Sunset

° " "

Variation of the Compass by      at

° " "

under the command of

Commander A. H. M<sup>o</sup> Cormick, U. S. Navy,

Friday, August 31, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 1 A.M. Clear and pleasant. Calm.  
Aneroid 30.11.

1 to 8 A.M. Weather clear and warm. Calm. Barometer steady.  
Crew at work setting up rigging. A Russian man of war came in  
and anchored at 6.15. Overbord at end of watch 30.16

8 A.M. to Meridian. Cloudy and pleasant. Light airs from S.E. to  
S.W. Sent an officer to board the Russian man of war "Mokka" and  
under the usual courtesies. The Commanding Officer left the ship  
to pay official calls. Continued setting up rigging. By order of  
Commanding Officer, Robert C. Henry (S.D.C) was released from being  
a prisoner at large and restored to duty. The Acting British Consul  
made an official call upon the ship. Aneroid barometer 30.20.

W.M. Dunn Master  
Meridian to 11 P.M. Cloudy. Pleasant. Light breeze from S.W. Aneroid 30.16  
W.M. Dunn Master

4 to 8 P.M. Cloudy, overcast last hour. Light airs from S.W. and Calms.  
Finished setting up rigging. Received an official visit from the  
Commanding Officer of the Japanese man of war in port. Aneroid bar. 30.16

8 P.M. to Midnight. Clear and pleasant. Light variable air, and  
calm, Aneroid 30.15.

W.M. Dunn Master  
W.M. Dunn Master

Moon-Lunar Examined and found to be correct.

Dec 8. 10. 08

Phase L. 9<sup>m</sup>

W. H. Parker  
Lieut X Navigator.

## LOG of the UNITED STATES

*Steamer Eased*  
*Izaki. Japan.*

3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	N E		Calm	0			30.11	80	80	75		b c	cirrus	8	S	
2	"		"	0			30.11	80	80	75		"	"	7	"	
3	"		"	0			30.11	80	80	75		"	"	8	"	
4	"		"	0			30.11	79	80	75		"	"	8	"	
5	"		"	0			30.11	79	79	75		"	"	3	"	
6	"		N N W	0			30.11	80	80	75		"	"	6	"	
7	"		"	0			30.11	80	80	75		"	"	8	"	
8	"		"	0			30.16	80	80	75		"	"	8	"	
9	"		"	0			30.18	81	80	76		"	cirrus cirrostratus	6	"	
10	"		E	S S E	1		30.20	80	80	76		b c	cirrostratus	3	"	
11	"		"	S S W	1		30.20	80	80	76		b c	"	11	"	
Noon.	"		S S W	S S W	1		30.20	81	81	76		"	cirrus	6	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☺

°

"

Longitude by Chronometer from Forenoon Observations ☺

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ☺ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☺ observed at

°

"

Water expended during the preceding 24 hours

350 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2050 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

69 " 900 "

P. M.																	
1	"		S S W	S S W			30.16	82	82	76		b c	cirrus	4	"		
2	"	"	"	"	1		30.14	83	83	76		"	"	3	"		
3	"	"	"	"	2		30.14	83	83	76		"	"	5	"		
4	"	"	"	"	2		30.14	83	80	76		"	"	7	"		
5	"	"	"	"	2		30.16	83	83	76		"	"	6	"		
6	"		S S W	S by N	1		30.16	83	82	74		"	"	8	"		
7	"	"	"	"	1		30.14	83	82	74		"	"	8	"		
8	"			Calm	0		30.14	82	81	75		"	"	8	"		
9	"		E S E	"	0		30.18	80	80	75		"	"	7	"		
10	"	"	"	"	0		30.20	80	80	75		"	"	6	"		
11	"	"	"	"	0		30.20	80	80	75		"	"	9	"		
Mid.	"	"	"	"	0		30.20	80	79	75		"	"	9	"		

Longitude by Chronometer from Afternoon Observations ☺

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Clear pleasant weather. Calm all the watch. Barometer steady. Aneroid 30.11.

H.Dunn. Ensign

11 to 8 A.M. Pleasant weather. Calm. Moved galliy into port gangway and a Board of Survey consisting of Lieut W.H. Parker, Lieut W.W. Lwin, and Chief Engineer D.P. McCartney was appointed to examine the bed of galliy. Aneroid barometer 30.22. W.M. Dunn

Master  
8 A.M. to Meridian. Cloudy first two hours. Heavy shower at 10. Clear and pleasant remainder of watch. At 9<sup>30</sup> mustered at quarters. The Commanding Officer went on shore to pay official visits. Aneroid 30.20.  
~~Wainwright-Keweenaw~~ Lieut  
Meridian to 11 P.M. Generally cloudy and pleasant. Light airs and breeze from S.W. Barometer falling slowly. Aneroid 30.20. Gang of men from shore caulked deck under galliy. Sent liberty party on shore.

H.Dunn. Ensign

11 to 8 P.M. Clear and pleasant. Light breeze from S. and S.E. At 6.00 sent down royal yards. Aneroid 30.19.

~~Wainwright-Keweenaw~~ Lieut  
8 P.M. to Midnight. Clear and calm. Barometer steady. Aneroid 30.22. H.Dunn. Ensign

26 SS "Essie. 3d Rate."

Nagasaki. Japan.

September 1. 1883

Commander

A. H. W. Cornick. U.S.N.

Commanding

Sir:

We recommend that Martin Murphy (S.O.S.) be rated to 1<sup>st</sup> Class Seaman and that Henry Hines (Seaman) and Thos. W. Seinau (Lands.) be rated to 2<sup>d</sup> Class Seaman.

Parker  
Navigator.

Very respectfully.

D. P. McCartney Chf Engr U.S.N.

W. H. Parker Lieut " Amer.  
Board.

~~Wainwright-Keweenaw~~ "



under the command of

Commander A. H. M<sup>c</sup> Connell, U. S. Navy,

Saturday, September 1st, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Clear pleasant weather. Calm all the watch. Barometer steady. Aneroid 30.14

H. D. Dunn. Ensign

11 to 8 A.M. Pleasant weather. Calm. Wood gallery into port gangway and a Board of Survey consisting of Lieut W. H. Parker, Lieut W. M. Brown, and Adj Engrineer J. C. M<sup>c</sup> Cartney was appointed to examine the bed of gallery. Aneroid barometer 30.22. W. M. Brown

Master  
8 A.M. to Meridian. Cloudy first two hours. Heavy shower at 10. Clear and pleasant remainder of watch. At 9<sup>30</sup> mustered at quarters. The Commanding Officer went on shore to pay official visits. Aneroid 30.20.

W. M. Brown. Ensign  
Meridian to 11 P.M. Generally cloudy and pleasant. Light airs and drizzles from S.W. Barometer falling slowly. Aneroid 30.20. Gang of men from ship's company caulked deck under gallery. Sub liberty party on shore.

11 to 8 P.M. Clear and pleasant. Light breeze from S. and S.E. At 6.00 sent down royal yards. Aneroid 30.19.

8 P.M. to Midnight. Clear and calm. Barometer steady. Aneroid 30.22. H. D. Dunn. Ensign

Nov. 13. Examined and found to be correct.

Dec 4, 1883. N.

Phase N. m.

W. H. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

*Steamer Essex*, 3d Rate, 6 Guns,  
Nagasaki, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	NNE	NNE	1	30.16	78	78.75						bc	circum	8	8	
2 "	"	"	1	30.14	78	78.75						bcp.	cirrus	7	"	
3 "	N.E.	Calm	0	30.14	78	78.75						bc	cirrus	6	"	
4 "	"	"	0	30.13	78	78.75						"	cumulus	3	"	
5 "	"	"	0	30.15	78	78.74						"	cirrus	3	"	
6 "	SE	SE	1	30.16	78	78.74						"	cirrus	1	"	
7 "	"	"	1	30.18	78	78.74						"	"	6	"	
8 "	"	"	1	30.18	78	78.74						"	cumulus	11	"	
9 "	"	"	1	30.20	78	78.75						"	"	11	"	
10 "	"	"	1	30.20	79	79.75						"	cirrus	11	"	
11 "	"	"	1	30.20	81	81.76						"	"	6	"	
Noon.	"	"	1	30.20	82	81.76						"	"	6	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☺

°

"

Longitude by Chronometer from Forenoon Observations ☺

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ☺ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☺ observed at

°

"

Water expended during the preceding 24 hours

350 gallons.

"

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1700 "

"

Coal consumed during the preceding 24 hours

tons 300 lbs.

"

Coal remaining on hand at Noon

69" 600 "

"

P. M.																
1 "	SW	SW	2	30.16	80	83	77					bc	cumulus	3	"	
2 "	SSW	SSW	2	30.13	80	83	77					"	"	11	"	
3 "	SW	SW	2	30.13	84	83	77					"	"	11	"	
4 "	"	"	2	30.13	84	83	77					"	"	11	"	
5 "	SSW	SSW	1	30.15	84	83	78					"	"	6	"	
6 "	"	"	1	30.17	84	83	78					"	"	6	"	
7 "	"	Calm	0	30.17	83	82	77					"	cirrus	7	"	
8 "	"	"	0	30.17	83	82	78					"	"	7	"	
9 "	SE	"	0	30.14	88	82	78					"	"	7	"	
10 "	SE	"	0	30.14	83	82	78					"	"	8	"	
11 "	NE	"	0	30.17	82	81	78					"	"	8	"	
Mid.	"	N.	0	30.17	82	81	78					"	cirrus	3	"	

Longitude by Chronometer from Afternoon Observations ☺

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. M<sup>o</sup> Cormick

, U. S. Navy,

Sunday, September 2d

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Weather pleasant. Light airs from N.N.E. in first half of watch, and calm in last half. Barometer falling. Aneroid barometer 30.21.

Karl Kohler R. Lieut

11 to 8. A.M. Cloudy and pleasant, light airs from S.E. Aneroid 30.22

Wm. J. Keegan R. Lieut

8 A.M. to Meridian. Cloudy but pleasant, light airs from S.E. Barometer steady. Aneroid 30.22. At 9<sup>o</sup> called all hands to muster and read articles for better government of the Navy, general squadron orders and general orders Nos 307 and 308. At 11<sup>50</sup> I traded marine guard for Sir Harry Parkes, the English minister to China entering port in a small steamer.

A.D. Dunn. Ensign

Meridian to 11 P.M. Weather clear and pleasant, light breeze from S.W. to S.S.W. Barometer falling. Cumulus and Cirro Cumulus clouds. Sent an officer on board the British steamer "Claymore" to make the Captain's compliments and deliver the message "that he thinks you are moored too close to us and in case we swing in opposite ways, we may foul" to which the Commander of the "Claymore" said "I think there is no danger of fouling, but if there be, I can get up one anchor by steam, and haul in on the other chain" Aneroid barometer 30.14.

Karl Kohler R. Lieut

11 to 8. P.M. Clear pleasant weather, light airs from S.S.W. and calm, Barometer steady. Aneroid 30.17. Finished work under forecastle and replaced galley.

A.D. Dunn Ensign

8 P.M. to Midnight. Clear and pleasant weather. Calm. Barometer steady. Swinging to ebb tide between ten and eleven, swinging to starboard, the British steamer "Claymore" swinging at same time and the same way and barely clearing us. She hove in tow of her cables. Aneroid barometer 30.18.

Karl Kohler R. Lieut

Moonlight Examined and found to be correct.

Dec 10. 10° 19" N

Phase N.m.

W. G. Parker  
Lieut & Navigator.

LOG of the UNITED STATES

Steamer "ESSO"  
Nagasaki, Japan.

, 3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored ESE			Calm	0			30.17	81	80	77		bc	Alt Cum	8	8	
2 "	"	"	"	0			30.17	80	80	76		"	"	8	"	
3 "	"	"	"	0			30.15	80	80	76		"	"	8	"	
4 "	"	"	"	0			30.15	80	80	76		"	"	8	"	
5 "	"	"	"	0			30.15	80	80	76		"	"	8	"	
6 "	"	N.E.	"	0			30.12	80	79	76		bcs	Cumulus	5	"	
7 "	"	"	"	0			30.10	79	79	76		"	"	3	"	
8 "	"	S.	S + N.	1			30.10	79	79	76		"	"	1	"	
9 "	"	S.W.	S.W.	3			30.12	80	81	77		"	Alt Cumulus	3	"	
10 "	"	"	"	2			30.14	81	82	78		bc	Cumulus	5	"	
11 "	"	"	"	2			30.17	82	82	78		"	"	5	"	
Noon.	"	"	"	2			30.17	83	82	78		"	"	6	"	

Distance run by Log since preceding Noon

knots      fathoms.

Latitude by D. R. at Noon

°      '      "

Longitude by D. R. at Noon

°      '      "

Latitude by Observations at Noon ☽

°      '      "

Longitude by Chronometer from Forenoon Observations ☽

°      '      "

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise      °      '      "

Variation of the Compass by Azimuth ☽ observed at      °      '      "

Water expended during the preceding 24 hours

350 gallons.

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

- 1350 "

Coal consumed during the preceding 24 hours /

tons 300 lbs.

Coal remaining on hand at Noon

69" 300 "

P. M.																	
1 "	"	S.W.	S.W.	2			30.12	83	83	78		bc	Alt Cumulus	11	"		
2 "	"	"	"	2			30.10	83	83	78		"	"	5	"		
3 "	"	"	"	2			30.10	83	83	78		"	"	3	"		
4 "	"	"	"	2			30.10	83	83	78		"	"	3	"		
5 "	"	"	"	1			30.10	83	82	78		"	"	5	"		
6 "	"	S.S.W.	S.S.W.	1			30.10	83	82	78		"	Alt Cumulus	5	"		
7 "	"	"	Calm	0			30.10	82	81	77		"	"	6	"		
8 "	"	"	"	0			30.10	82	82	78		"	Alt Cumulus	7	"		
9 "	"	"	"	0			30.08	82	82	78		"	"	7	"		
10 "	"	"	"	0			30.08	82	82	78		"	"	6	"		
11 "	"	"	S.W.	1			30.08	81	80	78		"	"	6	"		
Mid.	"	"	"	1			30.08	80	80	77		"	"	7	"		

Longitude by Chronometer from Afternoon Observations ☽

°      '      "

Longitude by Chronometer from Observations \*

°      '      "

Variation of the Compass by Amplitude      observed at Sunset

°      '      "

Variation of the Compass by      at

°      '      "

under the command of

Commander A. H. M<sup>o</sup> Connell O

, U. S. Navy,

Monday, September 3d

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Weather clear. Calm. Barometer steady. Aneroid 30.18.

4 to 8 A.M. Overcast and cloudy with passing rain showers. Calm and light airs from S by W. Barometer falling slowly. Aneroid 30.18. Made observations, and began coaling ship.

8 A.M. to Meridian. Weather pleasant. Light to gentle breeze from S.W. Barometer rising. Coal in ship. The Governor of Nagasaki, and the Commandant of one of the Japanese gunboats in the harbor visited the ship officially. Aneroid barometer 30.18. By order of Commanding Officer placed Robt C. Marett (O.S) in double irons under entry's charge for safe keeping.

Meridian to 11 P.M. Weather cloudy and warm. Light airs from S and N.E. Barometer steady. By order of Commanding Officer, Martin Murphy, (O.C. 2nd) was placed in double irons until further orders for being drunk on board ship and jumping overboard. J. J. Markay (O.W.) returned to the ship 8 hours overtime, and John S. McScone (O.W.) 31 hours overtime. Received on board in Equipment Department 68½ tons of coal. Placed John McMillian, (O.C. 2nd), in double irons by order of Commanding Officer for being drunk on board. Aneroid 30.12.

11 to 8 P.M. Weather clear and pleasant. Light airs from S W to SSW. in first part of watch, and calm in latter part. Barometer steady. Clouds cumulus. Alto-cumulus and stratus. Mustered crew at quarters at 5<sup>30</sup>, and found the following named men absent from the ship over leave; - Abdy 2d Lrd James Dugald Ogden G.W. Brightlinglow, O.S. and Fred Z. Phillips, O.W. <sup>and James Dugald Ogden G.W. Brightlinglow, O.S. and Fred Z. Phillips, O.W. Silt down topgall masts and topgall yards.</sup> Aneroid barometer 30.12.

8 P.M. to Midnight. Weather partly cloudy and pleasant. Light airs from S.W. and calm. Barometer steady. H.M.S "Vigilant" came in, and anchored at 9.45. Aneroid at end of watch 30.12.

W. Parker, Lieut

M. H. Parker  
Lieut & Navigator.

Moon 1<sup>mid</sup> Examined and found to be correct.  
Dec 3° 49' 54" S  
Phase N. M.

LOG of the UNITED STATES

Steamer "Essex"

, 3d Rate, 6 Guns,

Nagasaki, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1			Broad SSW	SSW	0-1		30.08	80	80	76		bo	cir	9	8	
2	"	"	"	"	0-1		30.09	80	80	78		"	"	8	"	
3	"	"	"	"	0-1		30.08	79	79	77		"	minib	7	"	
4	"	"	"	"	0-1		30.07	79	78	76		"	"	7	"	
5	"	"	Sx9½	Sx9½	1		30.05	79	79	76		"	cumulus	11	"	
6	"	"	"	"	1		30.05	80	80	76		"	"	11	"	
7	"	"	S½W	S½W	2		30.05	80	79	76		bcP	"	4	"	
8	"	"	"	"	2		30.05	80	79	76		"	"	5	"	
9	"	"	"	"	1		30.07	82	81	78		bc	"	6	"	
10	"	"	"	"	1		30.09	82	81	78		"	"	5	"	
11	"	"	"	"	1		30.09	82	82	78		"	"	6	"	
Noon.	"	"	"	"	1		30.08	83	82	78		"	"	5	"	

Distance run by Log since preceding Noon

knots      fathoms.

Latitude by D. R. at Noon

°      '      "

Longitude by D. R. at Noon

°      '      "

Latitude by Observations at Noon ☽

°      '      "

Longitude by Chronometer from Forenoon Observations ☽

°      '      "

Current during the time      knots      fms. per hour, setting to the

°      '      "

Variation of the Compass by Amplitude ☽ observed at Sunrise

°      '      "

Variation of the Compass by Azimuth ☽ observed at

°      '      "

Water expended during the preceding 24 hours

350      gallons.

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1000      "

Coal consumed during the preceding 24 hours

tons      300      lbs.

Coal remaining on hand at Noon

137      "      20      "

P. M.																
1	"	S½W	S64S	"	1		30.09	81	84	78		bo	cumulus	11	"	
2	"	"	"	"	1		30.08	84	83	78		"	"	3	"	
3	"	"	"	"	1		30.07	84	83	78		"	"	3	"	
4	"	S½Wx8	"	"	1		30.07	84	83	78		"	"	3	"	
5	"	S½W	S½W	"	1		30.07	84	80	78		"	"	11	"	
6	"	"	"	"	1		30.07	84	83	78		"	"	11	"	
7	"	S83½	S83½	"	1		30.03	83	82	77		"	"	6	"	
8	"	"	"	"	1		30.06	82	81	77		"	"	6	"	
9	"	8	8	"	1		30.00	81	80	76		bc	stratus	7	"	
10	"	"	"	"	1		30.01	82	82	78		bc	"	7	"	
11	"	86	86	"	1		30.01	82	82	78		bo	"	8	"	
Mid.	"	"	"	"	1		30.01	81	81	77		"	"	8	"	

Longitude by Chronometer from Afternoon Observations ☽

°      '      "

Longitude by Chronometer from Observations \*

°      '      "

Variation of the Compass by Amplitude      observed at Sunset

°      '      "

Variation of the Compass by      at

°      '      "

under the command of

Commander A. H. M<sup>o</sup> Connick

, U. S. Navy,

Tuesday. September 14<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a.m. Clear and pleasant. Bright starlight  
light air from S.S.W. slightly freshening latter part. Aneroid bar. 30.12.  
W.M. Dmin Master

4 to 8 A.M. Weather pleasant. A light shower latter part of watch.  
Light breeze from S by N to S.S.W. Barometer steady. At 7.20 called "All hands  
up to topgallant masts and yards"; swayed up to the topgallant masts  
and when they were about twenty feet above the spar deck, the lashing on the  
main royal mast head, and standing part of the mast rope slipped off  
letting the mast down head foremost, and as it struck the smoke stack the  
royal mast broke off short in the hounds. In lowering the foretopgallant  
mast the lashing slipped off and the mast fell striking H.C. Beadle (Pco)  
on the right foot, hurting it severely. Though the doctor reports no bones  
broken. Received on board fresh provisions for the crew. Aneroid bar. 30.12

Hod. Robert R.R. Lieut

8 A.M. to Meridian, Hot weather, light airs from S.W. Barometer rising  
Mustered at quarters at 9.30, and exercised at gun drill instead of  
routine drill at boats, on account of sultry weather. The following names  
enr are absent over leave and rewards were sent on shore for their ap-  
prehension and delivery on board: - Fred. Ave. (O.S.) Louis Vogt (O.S.) Benj.  
Schmitz. (O.S.) Wm. Glashus (Sea) and Benj. Campbell. Pct. H. J. Dutcher,  
(2d Fire) returned to the ship. Exercised at Fire Quarters at 10.15. By order  
of Comdg Office placed H.G. Patterson, (Eng. Cook) in double irons for being  
drunk on board. Received Paymaster's and Engineer's stores as follows.  
10 bbls pork, 15 lbs. beef, 17 boxes of soap, 5 bbls. sugar, 235 lbs. 6 in. bolt rope.  
81 1/4 yds. flax canvas #4. 80 yds. flax canvas #6. 82 yds. Cotton canvas #5. 38 lbs. shuttles,  
2 skins cord, 38 lbs. shuttles, 2 pkgs. Corn brooms. 2 files. Asstd. 6 lamp chimneys  
12 bottles black ink, 105 lbs. oatmeal. Sent an officer to board H.M.S. "Vigilant"  
with usual offer of civilities; the Comdr of the "Vigilant" visited the ship of-  
ficially at 10<sup>00</sup>, Aneroid 30.10

E.P. R. Lieut

Meridian to 11 P.M. Cloudy and hot. Light breeze from S.W. by S. Conv. off  
new runners for topsail halliards. By order of Commanding Office the  
following punishments were assigned. John W. Mullin. (2d Fire) 1/2 monthly  
money & a spit for being under the influence of liquors on board ship.  
Martin Murphy. (O.S.) same punishment for coming off drunk from liberty  
and jumping overboard. Robt. C. March. (O.S.) 2 days sol. coast. on bread and  
water for being drunk and disorderly. H.G. Patterson, (Eng. Cook) 3 nights in  
double irons for being intoxicated after liberty and fighting. Shifted from  
Bradley (O.S.) and Henry Marshall. (O.A.S.) each into the others position. Sent  
the old main topgallant mast ashore. Aneroid barometer 30.07.

W.M. Dmin Master

4 to 8. P.M. Weather partly cloudy and warm. Light air from Sd and N.  
Barometer falling <sup>examined and found to be correct.</sup> at quarters at 4.45, Aneroid at end of watch. 30.15

C.P. R. Lieut

8 P.M. to Midnight. Pleasant. Very light air from E. Aneroid bar 30.06

Moon 1. mid  
Sec 7. 37..40 S

Phase N.W.

Cleaned and found correct

W.M. Dmin Master

W.H. Parker  
Lieut-<sup>2d</sup> Navigation

LOG of the UNITED STATES

Steamer "E. S. CO."  
Nagasaki, Japan.

3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored N.			Calm	0	30.00	80	80	78				bc	Circum	7	8	
2	"	"	"	0	30.00	80	80	78				"	"	7	"	
3	"	"	"	0	30.00	80	80	77				"	"	7	"	
4	"	"	"	0	30.00	80	80	77				"	"	7	"	
5	"	"	"	0	30.00	80	80	77				"	Picatus	2	"	
6	"	N.E.	"	0	30.00	79	79	76				"	"	3	"	
7	"	"	"	0	30.00	80	80	78				"	Cumulus	4	"	
8	"	S	S.	1	30.00	80	80	78				"	"	7	"	
9	"	S $\frac{1}{2}$ W.	S $\frac{1}{2}$ W.	1	30.00	83	81	76				"	"	3	"	
10	"	S $\frac{1}{2}$ W. $\times$ S.	"	1	30.03	83	83	78				"	"	4	"	
11	"	"	"	1	30.02	84	83	78				"	"	4	"	
Noon.	"	"	"	1	30.03	84	83	78				"	"	4	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots

fms.

per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

350      gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

650      "

Coal consumed during the preceding 24 hours

tons 300      lbs.

Coal remaining on hand at Noon

137 " 820 "

P. M.																	
1	"	S $\frac{1}{2}$ W.S	S $\frac{1}{2}$ W	1	30.04	83	85	80				bc	Circum	5	"		
2	"	"	"	1	30.06	86	86	80				"	"	6	"		
3	"	"	"	1	30.04	86	86	80				"	"	7	"		
4	"	"	"	1	30.02	86	85	80				"	"	7	"		
5	"	S $\frac{1}{2}$ W.	"	1	29.98	85	84	78				"	"	7	"		
6	"	"	"	1	29.98	84	84	78				"	"	7	"		
7	"	"	"	1	29.98	83	83	78				"	"	7	"		
8	"	"	"	1	29.98	83	83	78				"	"	8	"		
9	"	S $\frac{1}{2}$ W.S	Calm	0	30.03	83	83	78				"	None	10	"		
10	"	W $\times$ N.	"	0	30.04	81	81	78				"	"	10	"		
11	"	N.E. $\times$ N.	S $\frac{1}{2}$ W	1	30.04	81	81	77				"	Circum	9	"		
Mid.	"	N.E.	Calm	0	30.06	81	80	70				"	"	8	"		

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. G. McCormick

, U. S. Navy,

Wednesday, September 5<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Cloudy. Pleasant. Calm. Aneroid 30.06.  
4 to 8 A.M. Weather partly cloudy and hot. Calm. Barometer steady.  
Aneroid at end of watch 30.05.

8 A.M. to Meridian. Cloudy and warm. Light airs from S.W. Mustered and inspected at quarters at 9<sup>30</sup>. At 9<sup>55</sup> exercised at sail drill leaving sails loose to air. Commanding Officer paid an official visit to the British Despatch boat "Vigilant". Aneroid bar. 30.05.

Meridian to 4 P.M. Clear and pleasant. Light breeze from S.W. At 1<sup>00</sup> called all hands and furled sail. Received in Bay Department 800 lbs. of coffee. Received stores for U.S.S. "Monocacy". Aneroid 30.04.

4 to 8 P.M. Pleasant weather. Light breeze from S.W. Mustered abquarters at 4<sup>45</sup>. Received on board a new main topgallant mast. Aneroid barometer 30.04.

8 P.M. to Midnight. Clear and warm. Light variable airs and calm. Aneroid 30.04.

W.M. Dunn Master

COK Lieut

Moon and Examined and found to be correct.

Dec. 11. 08. 03 S.

Phase N.M.

W. T. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

*Steamer "Essex"*, 3d Rate, 6 Guns,  
Nagasaki, Japan.

Hour.	Knots.	Paths.	Courses steered.	WINDS.		Loewy.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Anchored	N E	Calm	0	30.04	81	80	78				b c	circum	8	S	
2	"	"	"	0	30.04	81	80	78				"	"	8	"	
3	"	"	"	0	30.02	81	80	78				"	"	8	"	
4	"	"	"	0	30.00	81	80	78				"	"	9	"	
5	"	NNE	"	0	30.00	78	78	76				b c m	"	9	"	
6	"	N E	"	0	30.00	78	78	76				"	"	8	"	
7	"	"	"	0	30.00	81	79	77				"	"	6	"	
8	"	"	"	0	30.00	81	79	77				"	"	6	"	
9	82° 44' S 129° 07' E "	Course bearing of Nagasaki Harbor	W N E	1	30.05	81	80	77	82			b c	"	7	"	
10	4° 0'	or N.E.	"	1	30.07	82	81	77	82			"	"	7	"	
11	8° 0'	"	"	1	30.07	82	81	77	82			"	"	7	"	
Noon.	8° 0'	"	"	1	30.07	82	82	77	82			"	"	8	"	

Distance run by Log since preceding Noon

24 knots — fathoms.

Latitude by ~~B.R.~~ at Noon

32° 38' 00" N

Longitude by ~~B.R.~~ at Noon

129° 18' 00" E

Latitude by Observations at Noon ☽

• • "

Longitude by Chronometer from Forenoon Observations ☽

• • "

Current during the time      knots      fms. per hour, setting to the

• • "

Variation of the Compass by Amplitude ☽ observed at Sunrise

• • "

1032 Variation of the Compass by Azimuth ☽ observed at

• • "

Water expended during the preceding 24 hours

300 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

350 "

Coal consumed during the preceding 24 hours

2 tons 1620 lbs.

Coal remaining on hand at Noon

134" 1540 "

P. M.																
1	8. 5	W N E	82° 12' N	2	30.04	84	82	77	82			b c	circum	7	"	
2	8. 5	"	"	2	30.02	84	82	77	82			"	"	7	"	
3	4. 0	24° 12' N	"	2	30.01	85	83	78	82			"	"	7	"	
4	4. 2	82° 12' N	"	2	30.00	85	84	78	83			"	"	7	"	
5	2. 8	12°	W N E	2	30.00	83	82	78	83			"	"	7	"	
6	7. 8	"	"	2	30.00	83	82	78	83			"	"	7	"	
7	7. 0	"	"	2	29.98	83	81	78	83			"	circum	6	"	
8	8. 0	"	"	2	29.98	88	81	78	83			"	"	8	"	
9	8. 0	"	82° 12' N	2	30.00	83	81	78	82			"	circum	8	"	
10	8. 0	"	"	2	30.01	82	81	78	82			"	"	7	"	
11	8. 0	"	"	3	30.01	81	81	78	82			"	"	8	"	
Mid.	8. 2	"	"	3	30.01	81	80	78	82			"	"	8	"	

Longitude by Chronometer from Afternoon Observations ☽

• • "

Longitude by Chronometer from Observations \*

• • "

Variation of the Compass by Amplitude      observed at Sunset

• • "

Variation of the Compass by      at

• • "

under the command of

Commander A. H. W. Cornick.

, U. S. Navy,

Thursday, September 6. , 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences about 11 A.M. Clear and calm. Camp. Barometer falling. Aneroid 30.17.

4 to 8 A.M. Pleasant weather. Calm. At 5<sup>20</sup> fiddled fore and main topgallant masts. Started fires in six forward boilers at 5<sup>00</sup> and hoisted smokestack. Made preparations for going to sea. At 7<sup>00</sup> hoist in short. Aneroid barometer 30.12.

H. Dunn. Ensign

W.W. Brown Master

8 A.M. to Meridian. Clear and warm. Light breeze from West. Smooth sea. At 8<sup>00</sup> called all hands and hoist up port anchor and at 8<sup>40</sup> stood out of Nagasaki harbor. Draft, fore 15' 7", aft 16' 3". Alog took departure Iwo Jima light bearing North distant 4/4 miles. Ships Head West, Speed 8 knots. At 9<sup>00</sup> course N by S. Steaming under six boilers, 55 lbs steam, 47 Pivts. Aneroid 30.09. Pat log at end of watch 32 miles.

Wainwright - Keeoge Lieut

Meridian to 11 P.M. Weather clear and pleasant. Light breeze from S by W. Barometer falling. Cirro cumulus clouds. Under steam, pressure 55 lbs and 50 revolutions. Cast a seven pound lead overboard exercising apprentices at heaving the lead. At 2<sup>58</sup> changed course to N 1/2 W. Patent log showing 54.6 miles, and at 3<sup>30</sup> changed course to N 1/2 by W 1/2 W. Patent log showing 63 miles, both changes by order of Captain. Land in sight on starboard bow, beam and quarter land at end of watch on port beam. Several sail in sight. Aneroid barometer 30.05.

Har. Kotow, Lieut

11 to 6 P.M. Weather clear and pleasant. Gentle breeze from W by S. Barometer steady. At 4<sup>20</sup> changed course to N.W. At 4<sup>56</sup> Cape Goto light bore N.C. Torbashi Itaya point ENE 3/4 E. Patent log registering 70. Aneroid 30.06.

Ogden, Lieut

6 to 8 P.M. Clear and pleasant. Light breeze from W by S. Smooth sea. At 7<sup>00</sup> Cape Goto light disappeared bearing ESE 3/4 E. Steam 48 lbs. Pivs 46. Aneroid barometer 30.08.

W.W. Brown Master

8 P.M. to Midnight. Clear and pleasant. Light breeze from S by W. Smooth sea. Steaming under six boilers. Steam 52 Pivs. 48. Course N.W. Aneroid 30.11. Patent log at end of watch 31.4.

Wainwright - Keeoge Lieut

Moonmid Examined and found to be correct.

Dec 14. 07. 26 A.

Phase n.m.

W. T. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

Steamer "Essex", 3d Rate, 6 Guns,

Making passage from Nagasaki, Japan to Rose Island, Corea.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	7 6	N 21°	W 6 N	3	30.01	81	80	78	82			bc	circum	9	S	
2	7 5	"	"	3	30.00	81	80	78	82			"	"	8	"	
3	7 5	"	"	3	30.03	81	80	78	82			"	"	7	"	
4	7 5	"	W 6 E	3	30.00	81	80	78	82			"	circum	6	"	
5	7 0	"	W.	3	29.98	80	79	79	81			"	"	6	"	
6	7 5	N 21° W 6 N	"	3	29.98	80	79	79	81			"	"	6	"	
7	6 0	W 6 N 1/2 N	W 8 N	3	29.98	80	79	79	81			"	"	9	"	Set all fore and aft sail
8	8 5	"	"	2	29.98	80	79	78	80			"	circum	9	"	Set foresail
9	8 0	N 1/4 N	"	2	30.00	82	81	78	80			"	"	7	"	Took in trysail
10	7 6	"	"	2	30.01	82	81	78	80			"	"	6	"	Took in foresail and all fore and aft sails
11	7 4	W 6 N	8 N x 9 N	3	30.01	82	80	80	80			"	"	8	"	Set all fore and aft sail
Noon.	6 8	"	"	3	30.01	82	80	80	80			"	"	7	"	

Distance run by Log since preceding Noon

cross bearing

189.8 knots fathoms.

Latitude by B.R. at Noon

33° 57' 00" N

Longitude by D.R. at Noon

126° 19' 00" E

Latitude by Observations at Noon ☽

• "

Longitude by Chronometer from Forenoon Observations ☽

• "

Current during the time      knots      fms. per hour, setting to the

1032 Variation of the Compass by Amplitude ☽ observed at Sunrise

• "

Variation of the Compass by Azimuth ☽ observed at

• "

Water expended during the preceding 24 hours

350 gallons.

Water distilled during the preceding 24 hours

240 "

Water remaining on hand fit for use at Noon

270 "

Coal consumed during the preceding 24 hours

16 tons 1660 lbs.

Coal remaining on hand at Noon

117 " 2120 "

P. M.																	
1	8 0	N 21° 43 N	S 7 N x 9 N	3	29.99	84	81	81	80	bc	circum	8	S	All fore and aft sail and			
2	8 4	"	"	3	29.98	84	81	81	79	"	"	0	7	"	Foresail		
3	8 2	"	"	3	29.97	82	80	80	79	"	"	0	7	"	Took in foresail		
4	8 0	"	"	3	29.95	82	80	80	79	"	"	0	6	"			
5	7 5	"	W 4 S.	3	29.93	78	77	77	79	"	circum	4	"	Took in fore and aft sail			
6	7 5	"	N 1 N E	3	29.93	78	77	77	79	"	circum	3	"	Set all fore and aft sails			
7	7 6	N 7 N	N 8 N	3	29.95	78	76	76	79	"	"	+	7	"			
8	8 2	"	"	3	29.96	78	76	75	79	"	"	0	7	"			
9	8 0	"	A	3	30.00	78	76	74	79	oc	antennae	0	W				
10	8 4	N x 8 1/4 E.	"	3	30.00	78	77	74	79	"	"	0	0	.	Took in all fore and aft sails		
11	6 2	"	"	3	30.00	77	77	73	79	"	"	0	0	"			
Mid.	6 6	"	"	3	30.00	74	76	73	79	"	"	0	0	"			

Longitude by Chronometer from Afternoon Observations ☽

• "

Longitude by Chronometer from Observations \*

• "

Variation of the Compass by Amplitude observed at Sunset

• "

Variation of the Compass by at

• "

under the command of

Commander A. H. M<sup>o</sup> Cornick

, U. S. Navy,

Friday. September 7<sup>th</sup>

1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commencing and until 4 A.M. Weather clear and pleasant. Breeze gentle from N by E to N N E. Clouds cumulus and cirro-cumulus. Under steam. Pressure 47 lbs and 42 revolutions. Aneroid barometer 30.06.

7 AM. Weather, Light

4 to 8. AM. Weather clear and warm. Light air from S and W. Barometer steady. Sighted land at daylight to N and E. and several islands at 6°. At 5<sup>15</sup> changed course to N by N 1/2 W. At 5<sup>30</sup> set all fore and aft sail. At 6<sup>30</sup> changed course to N N W 1/2 W. Patent log registering 79 miles. At 7<sup>15</sup> set foresail. At 7<sup>30</sup> changed course to N 1/4 E. Asteroidal end of watch 30.08. At 8<sup>30</sup> Main topgallant bowsprit bore N 1/2 W. Montreal Island S by E 40°.

~~Others~~ Dumb

8 AM to Meridian. Clear and warm. Light breeze from N N W. having to S by N, and freshening. Smooth sea. At 9<sup>15</sup> exercised at general quarters and rigged torpedo boats. At 8<sup>10</sup> took in foresail and fore and aft sail. At 10<sup>20</sup> set all fore and aft sail. At 11<sup>30</sup> started distilling. Sighted several small islands and rocks on both starboard and port bow; well clear of them all at 12 o'clock. By order of Comdg Officer the following punishments were assigned. - First watches to J. G. Schuman, Co. for not cleaning bright work and smoking out of hours. 16.8 min. 2d. 3 days extra duty in fire room for smoking out of hours. S. P. Smallfield. Co. of first watches for neglecting duty as boat keeper and leaving boat; John Bradley. Co. 5 days duty in double rations for impudence. Cha. Dunn. Co. 5 days ev. const. on bread and water for insolence to Mr Hoffmann and failing to carry all his orders; Wm. Spallman. (See the same). Jas. Kelly. Do. M<sup>o</sup> distilated to sea for negligence as Dr M<sup>o</sup>. and Cha. Dunn. 08' 5 days ev. const. on bread & water for impudence at mast. Steam 46 lbs. Revs. 48.2 Pat. log 22.3. Aneroid bar 30.06.

W. M. Dunn Master

Meridian to 11 PM. Slightly hazy. Pleasant. Light breeze from S by W. Smooth sea. Standing up the western shore of Corvo. At 2<sup>48</sup> Lyra Island bore abeam, (N 8<sup>1/2</sup> W.) At 3<sup>30</sup> Western pinnacle bore abeam N 8<sup>1/4</sup> W. At 12<sup>30</sup> set foresail and at 3 took it in. Steam 49 lbs. Revs. 47. Aneroid 30.05. Pat. log at end of watch 26.9

Wainwright - Rhooyen. Light

11 to 6. PM. Weather pleasant. Breeze gentle in force and varying in direction from N by S to N N E. At 5<sup>15</sup> land was reported on port bow and presently land was reported a half point on starboard bow, and then two points on starboard bow all of which became visible from deck by 5<sup>45</sup>. Barometer falling. Under steam and fore and aft sail. Steam 48 lbs and 42 revolutions. Aneroid barometer 30.05. Measured at quarters at 4.45.

7 AM. Weather, Light

6 to 8. PM. Weather partly cloudy and pleasant. Gentle breeze from N N W. Barometer steady. At 6<sup>30</sup> sighted land on starboard bow. At 6<sup>30</sup> changed course to N W. At 7<sup>30</sup> Tuanicot rock bore S C. dist. 2 miles. Aneroid 30.09.

~~Others~~ Light

8 PM to Midnight. Overcast and cloudy. Light breeze from N. Moderate sea. At 9<sup>30</sup> took in fore and aft sail and changed course to N by E 1/4 E. Pat. log registering 98.8 miles. Started distilling. Steam 46 lbs. Revs 42. Aneroid bar. 30.12 <sup>Navigato</sup>.

16° 33' 08" S.

Examined and found to be correct.

W. W. Dunn Master

W. H. Parker  
Lieut. Navigator

## LOG of the UNITED STATES

Steamer "Essex"

, 3d Rate, 6 Guns,

Making passage from Nagasaki, Japan to Rose Isd. Korea.

Hour. 35° 00'	Knots. A.M. 125° 03'	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
1	6.0	118 1/4 E.	North	3			29.99	77 77 74 74 79				oc	cirrus	0	S	
2	7.0	"	"	3			30.00	77 77 74 74 79				"	"	0	"	
3	7.11	"	"	3			30.00	77 77 74 74 79				"	"	0	"	
4	16.0	"	"	3			30.00	77 77 74 74 79				"	"	3	"	
5	7.0	"	"	3			30.00	76 75 71 71 79				"	cumulus	3	"	
6	16.5	"	118 1/2	3			30.00	76 74 71 71 79				"	"	4	"	
7	7.0	"	N 119 1/2	2			30.00	76 74 71 71 79				"	cirrus	4	"	
8	16.5	"	119 1/2	2			30.00	76 74 70 70 79				"	"	4	"	
9	4.0	"	N 119 1/2	3			30.03	76 74 70 70 79				"	cirrus	7	"	Set fand a sail
10	9.0	"	"	3			30.06	76 74 70 70 79				"	"	8	"	
11	9.2	"	N	3			30.04	76 74 70 70 79				"	"	6	"	
Noon.	9.2	"	"	3			30.08	76 75 71 71 79				"	"	5	"	Just in toysail

Distance run by Log since preceding Noon

166.6 knots fathoms.

Latitude by D. R. at Noon

36° 18' 00" N

Longitude by D. R. at Noon

125° 41' 00" E

Latitude by Observations at Noon ☉

36° 15' 00" N

Longitude by Chronometer from Forenoon Observations ☉

125° 35' 00" E

Current during the time      knots      fms. per hour, setting to the

1010 Variation of the Compass by Amplitude ☉ observed at Sunrise

• " "

Variation of the Compass by Azimuth ☉ observed at S. A. m.

3° 00' 00" W

Water expended during the preceding 24 hours

350 gallons.

Water distilled      during the preceding 24 hours

1500 "

Water remaining on hand fit for use at Noon

12120 "

Coal consumed during the preceding 24 hours

16 tons 17 cwt lbs.

Coal remaining on hand at Noon

101 " 3 cwt "

P. M.																
1	8.8	18 1/4	North	3			30.08	76 75 72 72 78				bc	cirrus	7	"	Setting f & a sail
2	9.0	"	"	2			30.08	76 74 71 71 78				"	"	7	"	
3	9.0	18 1/4 E	"	2			30.07	76 74 71 71 78				"	"	7	"	
4	2.2	18 1/4 N	"	2			30.07	76 74 71 71 78				"	cirrus	8	"	
5	6.6	18 1/4 N	"	2			30.07	76 74 71 71 78				"	"	9	"	
6	2.4	18 1/4 E	"	2			30.06	76 74 71 71 77				"	"	9	"	
7	7.0	18 1/4 N	"	2			30.05	76 74 71 71 76				"	cirrus	9	"	
8	7.4	8 1/4 N	"	2			30.05	76 74 71 71 76				"	cirrus	8	"	red scratch out
9	8.6	8 1/4 N	"	1			30.05	76 74 71 71 76				"	"	8	"	
10	"	"	"	1			30.06	76 75 74 74				"	"	8	"	
11	"	"	"	1			30.07	76 75 74 74				"	"	8	"	
Mid.	"	"	"	1			30.04	75 75 74 74				"	"	7	"	

Longitude by Chronometer from Afternoon Observations ☉

• " "

Longitude by Chronometer from Observations \*

• " "

Variation of the Compass by Amplitude      observed at Sunset

• " "

Variation of the Compass by      at

• " "

under the command of

Commander A. H. M<sup>o</sup> Connick

, U. S. Navy,

Saturday. September 8.

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences  
standing alo  
of steam, An

4 to 8 A.M.  
Under steam

8 A.M. to N  
Barometer  
log showed  
trials thro  
Abend of w  
Steam pum

Muridian  
under six s  
Officer, A  
sail and a  
a Boarded  
O.C. Buoy  
Arrived b

4 to 6 P.M.  
Salu river.  
to S by E  
at end of

6 to 8 P  
Ovines cl

and at 7<sup>30</sup> stopped and got a cast of the dredge a lead, finding bottom at 20 fathoms. At 7<sup>45</sup> called "all hands bring ship to anchor"; at 7<sup>55</sup> come to with starboard anchor in 20 fms of water, veering to 60 fms of chain. Commenced distilling. Arrived barometer 30.16. Bearings of anchorage Broth Rock S by W; North end of Fernande Islet, N. Shiff Head, E. *Carl Mohren* Lieb

8 P.M. to Midnight. Weather clear and pleasant. Light airs from N.W. Barometer rising. Cut boat to sound around the ship: found no water less than 20 fathoms depth. Commenced distilling. Arrived at end of watch 30.18 *Giles* Lieb-

Moon high Examined and found to be correct.

Dec 18. 15.02 S

Phase N. m.

*W. S. Parker*  
Lieb & Navigator.

26 S S Essex, 3d rate.

September 8<sup>th</sup> 1883.

Commander

A. H. M<sup>o</sup> Connick, U.S.N.

Commanding.

Sir:

We recommend that Charles  
Carroll, (Sea) be rated Quartermaster.  
Very respectfully.

M. Lieb

*W. S. Parker* Lieb } Permit  
Wainwright Keogz Lieb } Board.

" from N<sup>E</sup>,  
Rvs. 45 lbs

Lieb  
steady.

1. T  
2. Lieb  
with sea.  
by S. pale  
ow atm  
wat 11°,  
air temp

3. Lieb  
leaving  
manding  
and aft  
to S. E. E  
a lieb  
ment.

Master.  
up the  
aged course  
Pat. log

Lieb  
to steady.  
slow down

Lieb  
to steady.  
slow down

Giles Lieb-



under the com

Navy,

Commences and until 4 A.M. Clear and pleasant. Light breeze from North. Light wind from N<sup>o</sup>, Standing along westerly coast of Cona, no land in sight. Steaming under six boilers 115 Revs. 45 lbs of steam. Aneroid 30.12. Pat. log at end of watch 39.4. Distilling.

Wainwright - Keenoye - Lieut  
4 to 8 A.M. Weather pleasant, light to gentle breeze from N to N.W. Barometer steady. Under steam, pressure 55 lbs and 14.5 revolutions. Aneroid barometer 30.14.

Karl Rohr - Lieut  
8 A.M. to Meridian. Weather clear, and pleasant. Gentle breeze from N<sup>o</sup>. Smooth sea. Barometer rising. Mustered at quarters at 9.30. At 8<sup>20</sup> changed course to N by S. saluted log showing 69.7. At 8<sup>45</sup> set all fore and aft sail. Sighted islands on starboard bow at intervals throughout watch extending to N<sup>o</sup> and E<sup>o</sup>. Sighted islands on port bow at 11<sup>o</sup>. At end of watch Guvin Island bore S by E. in lat 36° 15' N. At 11<sup>50</sup> took in main topail. Steam pressure 55 lbs, revolutions 60. Aneroid at end of watch 30.17.

P. H. C. - Lieut  
Meridian to 4 P.M. Clear and warm. Light northerly breeze. Smooth sea. Steaming under six boilers, standing in for anchorage in Salin river under guidance of Commanding Officer. A large number of islands in sight on both sides. At 1<sup>50</sup> took in all fore and aft sail and changed course to N 8/2 E. At 3<sup>15</sup> changed course to N 8/2 N. and at 4<sup>20</sup> to N 8/2 E. A Board of Survey consisting of Surgeon M. L. Austin, Lieut Karl Rohr, and Lieut O. K. Benjaman, U.S.M.C. held a survey on 47 bags of bread in Paymaster's Department. Aneroid barometer 30.16.

W. W. Inn - Master.  
4 to 6 P.M. Clear and pleasant, light variable airs from N<sup>o</sup>. Standing up the Salin river. At 5<sup>20</sup> Northern island of Brutow Group bore abeam. At 4<sup>45</sup> changed course to N by E 1/2 S. at 5<sup>20</sup> to N by N. Steaming under six boilers. Aneroid 30.15. Pat. log at end of watch 51.2.

W. W. Inn - Master  
6 to 8 P.M. Clear and pleasant weather. Light breeze from N. Barometer steady. Cirrus clouds. At 6<sup>20</sup> changed course to E 3/4 N and at 6<sup>50</sup> to E 1/2 N. At 7<sup>20</sup> slowdown and at 7<sup>35</sup> stopped, and got a cast of the deep sea lead, finding bottom at 20 fathoms. At 7<sup>45</sup> called "all hands bring ship to anchor," at 7<sup>55</sup> came to with starboard anchor in 20 ms of water, securing to two of chain. Commenced distilling. Aneroid barometer 30.16. Bearings of anchorage Brother Rock S by W; North end of Fernande Islet, N. Shift Head, E.

Karl Rohr - Lieut  
8 P.M. to Midnight. Weather clear and pleasant. Light airs from N.W. Barometer rising. Cut boat to sound around the ship: found no water less than 20 fathoms depth. Commenced distilling. Aneroid at end of watch 30.18

C. H. C. - Lieut

Moon high Examined and found to be correct.

Dec 18. 18.02 S

Phase N. m.

W. J. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

Steamer "Eskid"

, 3d Rate, 6 Guns,

Making passage from Nagasaki, Japan to Rose Isl. Corals.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water nt surface.					
A. M.																
1	Anchored	88°	Sahin	0	0	30.10	75	76	74				bc	air	9	5
2	"	"	E.N.E.	1	1	30.10	75	76	74				"	"	9	"
3	"	"	"	1	1	30.10	75	74	73				"	cirrus	7	"
4	"	"	"	1	1	30.10	75	74	73				"	"	7	"
5	"	"	"	1	1	30.10	75	74	73				"	"	7	"
6	"	N.E.	"	1	1	30.09	75	74	75				"	"	8	"
7	"	"	"	1	1	30.08	75	74	75				"	"	8	"
8	"	"	"	1	1	30.06	75	74	75				"	"	8	"
9	"	NE x NW	NNW	2	2	30.09	75	76	77				"	cirrus	6	"
10	Standing up for	N.E. x E	N.E. x E	3	3	30.07	76	76	76	77			"	cirrus	6	"
11	Rose Island	"	"	3	3	30.07	78	78	76	77			"	"	7	"
Noon.	Sahin Am. Korea	"	"	3	3	30.07	78	78	76	77			"	"	44	"

Distance run by Log since preceding Noon

56.2 knots fathoms

Latitude by D. R. at Noon

° ' "

Longitude by D. R. at Noon

° ' "

Latitude by Observations at Noon ◎

° ' "

Longitude by Chronometer from Forenoon Observations ◎

° ' "

Current during the time      knots      fms. per hour, setting to the

° ' "

Variation of the Compass by Amplitude ◎ observed at Sunrise

° ' "

Variation of the Compass by Azimuth ◎ observed at

° ' "

Water expended during the preceding 24 hours

320 gallons.

Water distilled      during the preceding 24 hours

1100 "

Water remaining on hand fit for use at Noon

2200 "

Coal consumed during the preceding 24 hours

10 tons 1400 lbs.

Coal remaining on hand at Noon

90 " 1200 "

P. M.																
37° 27'	1	NN.E.	N.E. x E	2	2	30.09	80	80	77	77	bc	cirrus	6	"		
6	Anchored	"	S.E.	2	2	30.09	80	80	77		"	"	5	"		
8	"	88°	S.E.	2	2	30.09	81	81	78		"	"	6	"		
4	"	"	"	2	2	30.08	82	81	79		"	"	4	"		
Shored	South	"	"	1	1	30.09	82	81	79		"	"	5	"		
6	"	"	"	1	1	30.09	81	81	80		"	"	4	"		
7	"	"	East	2	2	30.08	80	79	78		"	"	3	"		
8	"	"	"	3	3	30.08	79	78	77		"	"	4	"		
9	"	88°	"	3	3	30.03	78	77	76		"	cirrus	2	"		
10	"	S.E.	"	3	3	30.08	77	76	75		"	"	3	"		
11	"	N.E. x E	"	3	3	30.08	77	76	74		"	"	5	"		
Mid.	"	NN.E.	"	3	3	30.05	76	75	74		"	"	6	"		

Longitude by Chronometer from Afternoon Observations ◎

° ' "

Longitude by Chronometer from Observations \*

° ' "

Variation of the Compass by Amplitude      observed at Sunset

° ' "

Variation of the Compass by      at

° ' "

under the command of

Commander A. H. C. Comstock

, U. S. Navy,

Sunday. September 9.

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 a.m. Clear and pleasant, calm first hour, light airs from S.W. remainder of watch. Aneroid barometer 30.18.

W.W. Brown Master  
4 to 8. A.M. Clear and pleasant. Light airs from E.N.E. Swinging to flood tide. At 6 hove the log, found tide running 8 knots per hour. Banked fires, Distilling. Aneroid 30.19. "W. W. Brown" Keel Log

8 A.M. to Meridian. Weather clear and pleasant, Gentle breeze from N.W. to N.E. by E. Barometer steady. At 8. called "all hands up anchor," hove up the anchor and went ahead slow at  $8^{\frac{3}{4}}$  and stood up the sail over, the Captain directing the course. Crossed topgallant yards and at  $9^{\frac{3}{4}}$  mustered and inspected crew at quarters. Under steam. Pressure 45 and 48 revolutions. At 11<sup>th</sup> exchanged numbers with the "Monocacy." Passed several sloops, schooners and junks standing in various directions. Aneroid barometer 30.17.

W.H. Wherry Lieut  
Meridian to 11. P.M. Weather clear and warm. Light variable winds. Barometer steady. At 12<sup>th</sup> called all hands bring ship to anchor. At 12<sup>th</sup> came to with port anchor in 7 fathoms water, and secured to 30 fathoms chain at capetaw. Lt. Comdr. A. J. Devoray, U.S.N. temporarily in command of U.S.S. "Monocacy" visited the ship officially. An officer from H.A.S. "Flying Fish" and an officer from the Japanese man of war in the harbor visited the ship with the usual offers of courtesy. The Japanese passengers (Washburne,) left the ship. The ship swung to the flood tide 3<sup>h</sup> - 4<sup>h</sup>.00. bearings of anchorage: Nendo Point Isld. N  $\frac{1}{4}$  E. S. and Observation Isld. E  $\frac{3}{4}$  N. Ship's head. N.W. E.P. Lee Lieut  
11 to 8. P.M. Pleasant weather. Light breeze from S.E. At 4<sup>h</sup> called all hands and moored ship. 15 fathoms over each chain. At 5<sup>h</sup> made squadron signal. (Prel) Scrub and wash clothes; "Monocacy" answered. Flood tide running 1.1 knots at 6<sup>h</sup>. Aneroid barometer 30.13.

W.W. Brown Master  
8 P.M. to Midnight. Cloudy and cool. Gentle breeze from East. Barometer steady. Aneroid 30.11. At 10<sup>th</sup> ship commenced swinging to ebb tide and finished at 11.15. Clear hawse. Stopped distilling at 10.15 and banked fires.

F.O. Dunn Ensign

Moon low'd Examined and found to be correct.

Dec 19. 11. 30 S

Phase 1. 9m.

W. G. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

*Steamer "Ecuador"*, 3d Rate, 6 Guns,  
Anchored off Rose Island, Coreas.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Scorred	NNE.	NNE.	NE	2		30.05	70	70	70	74	bc	Circum	3	8	
2	"	"	"	"	2		30.05	70	70	70	74	cc	Cloudy	0	"	
3	"	NE	NE	E	3		30.03	70	70	74	73	bc	"	4	"	
4	"	SE & S.	SE & S.	SE	4		30.03	74	74	73	73	bcp.	"	2	"	
5	"	"	"	"	3		30.05	73	73	73	74	bc	"	1	"	
6	"	"	"	ESE.	2		30.06	70	70	72	73	"	Cumulus	1	"	
7	"	South	"	"	2		30.07	74	73	73	74	"	"	1	"	
8	"	"	"	SE	2		30.07	74	73	73	74	"	"	1	"	
9	"	"	"	ESE.	3		30.05	70	70	70	74	"	Cirrus	5	"	
10	"	"	"	"	3		30.01	76	76	75	74	"	"	0	"	
11	"	East	"	SE	3		30.03	77	76	76	75	"	"	5	"	
Noon.	"	NNE	"	"	3		30.02	74	77	77	76	"	"	6	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☺

°

"

Longitude by Chronometer from Forenoon Observations ☺

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ☺ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☺ observed at

°

"

Water expended during the preceding 24 hours

gallons.

360

Water distilled during the preceding 24 hours

"

1000

"

Water remaining on hand fit for use at Noon

"

2860

"

Coal consumed during the preceding 24 hours

tons lbs.

1 tons

560

lbs.

Coal remaining on hand at Noon

"

89 "

610

"

P. M.																	
1	"	NNE.	SE	3			29.97	78	78	78	77	bc	Cirrus	7	"		
2	"	"	"	3			29.96	78	78	78	77	"	"	7	"		
3	"	"	S & W	2			29.95	80	79	79	79	"	"	7	"		
4	"	SW & S	"	2			29.95	80	79	79	79	"	"	7	"		
5	"	SSW	SW	2			29.95	80	80	80	80	"	Cirrus	6	"		
6	"	"	"	2			29.95	80	78	78	79	"	"	5	"		
7	"	"	"	2			29.90	79	78	78	78	"	Cumulus	3	"		
8	"	"	"	2			29.90	79	77	77	77	"	"	4	"		
9	"	"	"	2			29.91	79	78	78	78	"	"	4	"		
10	"	"	"	1			29.91	79	78	78	78	"	"	3	"		
11	"	"	"	1			29.91	79	78	78	78	"	"	3	"		
Mid.	"	North	"	1			29.90	79	78	78	78	"	"	2	"		

Longitude by Chronometer from Afternoon Observations ☺

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude observed at Sunset

°

"

Variation of the Compass by at

°

"

under the command of

Commander A. H. M<sup>o</sup> Cornick

, U. S. Navy,

Monday September 10<sup>th</sup> , 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather pleasant, Breeze light to moderate from N.E. to S.E. by E. Barometer falling slowly. Clouds Cumulus, cirrocumulus and nimbus. At 2° began to swing to wind. Fires banked. Aneroid barometer 30.15. A light passing shower in latter part.

Had Rower, Lieut

4 to 8. A.M. Weather cloudy and pleasant, Gentle breeze from S. and E. Barometer rising. H.C. H. "Flying Fish" got underway and left the harbor at 6°, At 7° made signal 3357, the "Monocacy" answered. Aneroid at end of watch 30.16.

Has Lieut

8 A.M. to Meridian. Pleasant weather. Moderate breeze from E.S.E. hauling to S.S.E. Went to quarters at 9° after which exercised the 1<sup>st</sup> 2<sup>nd</sup> and 3<sup>rd</sup> divisions at single sticks. Powder division and Marines at small arms. At 9<sup>45</sup> exercised at battalion drill. By order of Commanding Officer the following punishments were assigned:- P. O'Neil (O) one first watch for skipping into Coal bunker. Wm. Simpson (O) five first watches for being out of uniform. W. H. Cox. (O) twelve first watches for shortening drill. Commanding Officer paid an official visit to "Monocacy." Transferred James Dwyer, Q.C. (O) to the "Monocacy" with bag and hammock. Transferred to the U.S.S. "Monocacy" the following Equipment stores; 25 gallons of boiled oil, 588 lbs of red lead and 150 lbs of white lead, also two boxes of tubes in Dept of Steam Engineering, and some surveying instruments. Ship commenced swinging to the ebb tide at 10°, completed swinging at 11<sup>20</sup> at 11<sup>50</sup> tide running 1<sup>1/2</sup> knots. Aneroid barometer 30.10.

W.W. Dinn Master

Meridian to 11. P.M. Clear and warm. Light breeze from S by W to S by E. Swinging to ebb until 3<sup>00</sup> at 3<sup>30</sup> slack water, at 3<sup>30</sup> commenced swinging to flood. ~~Hoisted ship~~, Put on shore and pushed starboard anchor. Aneroid 30.14. At 1<sup>30</sup> end of tide 1.5 knots. Warming the engine

Lieut

4 to 8. P.M. Cloudy and pleasant. Light breeze from S.W. Barometer falling. Aneroid 30.10. Pending to flood all the watch. Greatest strength of tide 1 knot. Hoisted in sailing launch and lowered smoke pipe. Got shot anchor out of fore hold and transported it to starboard cat head. and bent starboard bower chain to it. Placed Frank Morris. (O) under entry charge for safe keeping.

A.D. Dunning Ensign

8. P.M. to Midnight, Weather clear and pleasant. Light breeze from S. and S.E. Barometer steady. Swung to the ebb tide at 11.15 - 12. Aneroid 30.01.

Lieut

Moon mid Examined and found to be correct.

Dec 19. 14.06 S

Phase 1 gr.

W. H. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

*Steamer "Osses"*  
Off Rose Island, Korea.

3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Ebb		N x E.	South	1		29.90	77	77	78		bc	circum	5	1	
2	"		"	"	1		29.90	77	77	78		"	"	6	"	
3	"		"	"	1		29.90	77	77	78		"	"	8	"	
4	"		"	"	1		29.87	77	77	78		"	"	8	"	
5	Flood		S x E	S E	1		29.86	76	76	77		"	minib	7	"	
6	"		"	"	1		29.86	76	74	76		"	circum	5	"	
7	"		S	S x E	1		29.86	76	75	77		"	"	6	"	
8	"		"	"	2		29.86	77	76	77		"	"	11	"	
9	"		S N	"	1		29.86	78	77	78		"	circum	5	"	
10	Ebb		"	N.	1		29.86	79	79	79		"	"	5	"	
11	"		"	"	1		29.88	80	79	79		"	circum	5	"	
Noon.	"		"	"	1		29.88	80	79	77		"	"	6	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ◎

°

"

Longitude by Chronometer from Forenoon Observations ◎

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ◎ observed at Sunrise

°

"

Variation of the Compass by Azimuth ◎ observed at

°

"

Water expended during the preceding 24 hours

320 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2530 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

89" 340 "

P. M.																
1	Ebb	N.	W.	1		29.86	80	79	77		bc	circum	6	1		
2	0	"	W N W	2		29.84	80	79	77		"	"	6	"		
3	Ebb	N x E	"	2		29.83	80	79	77		"	circum	5	"		
4	"	"	"	2		29.83	80	79	77		"	"	5	"		
5	Flood	N 8 x E	"	1		29.75	80	78	78		"	"	11	"		
6	"	S N x S	"	1		29.75	78	78	78		"	"	3	"		
7	"	S N x S	W x S.	1		29.72	74	78	79		"	"	11	"		
8	"	S N x S.	"	1		29.72	74	78	79		"	"	11	"		
9	"	"	N.	2		29.74	78	77	77		"	circum	3	"		
10	"	"	"	2		29.74	76	77	76		"	"	11	"		
11	"	"	"	3		29.72	75	76	75		"	"	11	"		
Mid.	Ebb	N N.	W	4		29.72	75	75	74		"	"	11	"		

Longitude by Chronometer from Afternoon Observations ◎

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. G. W. Cornell, U. S. Navy,

Tuesday, September 11

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences, and until 1 A.M. Clear and pleasant. Light airs from South. Aneroid barometer 30.00. Tide running 1.2 knots at 3.00.

W.H. Inn Master.

4 to 8 A.M. Clear and warm. Light breeze from Sd. Slack water at 4.00 and at 8.00 finished swinging to flood. Tide running 1.2 knots at 6.30. At 7.15 sent up top gallant masts, and yards. Aneroid 29.98.

Wainwright-Keevy, Lieut

8 A.M. to Meridian. Cloudy but pleasant. Light airs from West. Barometer rising slowly. Aneroid 29.94. The Commanding Officer of the Japanese corvette paid an official visit on board. At 9° went to quarters and exercised as his routine. At 10<sup>25</sup> called away all boats armed and equipped; exercised at boat tactics. Hoisted out sailing launch. At 10<sup>30</sup> Commanding Officer of the "Monocacy" paid an official visit on board. At 10<sup>40</sup> commenced swinging to ebb

R.W. Dutton, Ensign

Meridian to 11 P.M. Weather clear and pleasant. Light breeze from West to NW. Barometer falling. Clouds alto-cumulus, and cumulus. Riding to ebb tide, got up top blocks, pennants and jib falls. Made signals No 4280 at 1<sup>00</sup> and 1853 at 3<sup>00</sup>. Aneroid barometer 29.88.

7 A.M. Weather, Lieut

4 to 8 P.M. Weather clear and pleasant. Light variable airs. Barometer falling. Mustered at quarters at 4<sup>45</sup>. Sent down top gallant yards at 5<sup>45</sup>. Made preparations for sending down top masts and lower yards. Ship swung to the flood tide, 4.59 - 5.53. Aneroid barometer at end of watch 29.87.

C. H. Lee, Lieut

8 P.M. to Midnight. Clear and pleasant. Moderate breeze from North to NW. Tide running 1/4 knots at 10. Riding to flood. Slack water at 11<sup>20</sup>. Swung around to ebb at end of watch. Aneroid low and shady, 29.86. Wainwright-Keevy  
was Lieut

Moon high Examined and found to be correct.

Dec 18, 19. 50 S

Phase 1 gr.

W. S. Parker  
Lieut Navigator.



under the command of

Commander A. H. M<sup>o</sup> Cormick, U. S. Navy,  
Wednesday, September 12, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences, and until 14 A.M. Weather cloudy and gloomy. Moderate breeze from North. Barometer falling. Aneroid 29.86. At 13<sup>30</sup> finished swinging to ebb. Greatest strength of tide 1.2 knots.

A. D. Dunn, Ensign.

11 to 8 A.M. Weather pleasant. Gentle to moderate breeze from N.W. Barometer steady. Clouds cumulus, cirro-cumulus, and stratus. Aneroid barometer 29.88.

Carl Hobart, Lieut-

8 A.M. to Meridian. Weather clear and pleasant. Fresh breeze from N.W. Called all hands down lower yards, and hauled topmasts at 9<sup>30</sup>. Sent down topgallant masts, and lower yards, and hauled topmasts, and schoisted, and secured. Comdr J. F. Higginson left the ship, and relieved Comdr W. C. Colton in command of Monocacy; at 10<sup>30</sup>, hoisting Senior Officers pennant. The Japanese Consul visited the ship at 11<sup>00</sup>. Aneroid at end of watch 29.88.

C. Hobart, Lieut-

Meridian to 11 P.M. Clear and pleasant. Fresh breeze from N.W. Ship riding to ebb tide and wind. At 3<sup>00</sup> tide running 1.6 knots. Chief Engineer Q. O. M<sup>o</sup> Hartney, Lieut W<sup>m</sup> H. Parker, and Asst Engineer F. J. Hoffman, went over to the Monocacy, as members of a board of survey on Monocacy's engines. Unbent main topsail. Aneroid barometer 29.89.

W. W. Minn, Master

11 to 8 P.M. Clear and cool. Fresh decreasing from N.W. Light breeze at end of watch. Ship swinging to ebb during watch, slack water at 7<sup>30</sup> at end of watch swinging around to flood. Aneroid 29.99.

W. W. Minn, Master

8 P.M. to Midnight. Weather clear and pleasant. Gentle breeze from N.W. to W.N.W. Barometer steady. Cirrus clouds. Bright moon and starlight. Aneroid barometer 30.04.

Carl Hobart, Lieut-

Moon liquid Examined and found to be correct.

Dec 16. 26. 15. 1.

Phase 1 gr

W. J. T. Parker  
Lieut 8, Navigator.



under the command of

Commander A. H. M<sup>o</sup> Cormick

, U. S. Navy,

Thursday. September 13 , 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Weather clear and cool. Fresh breeze from N.N.W. falling light latter part of watch. Barometer steady. Aneroid at end of watch 30.16. Swung to ebb tide at 12.20 - 1.00. Tide running 1 knot

4 to 8 A.M. Clear and cool. Moderate breeze from A by W. At 6<sup>55</sup> Monocacy made signal 3357. Answered. Lieut M<sup>r</sup> G. Mackenzie, and Surgeon M. L. Bush left the ship until Monday, 16th inst. At 7<sup>30</sup> crossed top-gallant and royal yards and loosed sail. Aneroid barometer 30.16. Commenced swinging to the flood at 7<sup>20</sup>. Greatest strength 1.2.

Monocacy hauled down Senior Officer's pennant. W. M. Smith Master 8 A.M. to Meridian. Clear delightful weather. Light breeze from N to N.E. At 9.20 ship swinging to flood. Tide running 1.4 knots at 11.00. At 9<sup>30</sup> mustered at quarters. Exercised 1<sup>st</sup> div at howitzers. 2d and 3d at small arms. Powder at small arms. At 10<sup>30</sup> called all hands and unloosed topsails and foresail, and bent old sails. At 9<sup>35</sup> made signal 5606. Aneroid 30.11. Wainwright-Keeoge

Meridian to 11 P.M. Clear pleasant weather. Light airs and breezes from N.W. and W.N.W. Barometer steady. Aneroid 30.11. At 2.40 began to swing to ebb, finished swinging at 3.00. W. M. Smith Master

11 to 8 P.M. Weather clear and pleasant. Light breeze from W.N.W. Barometer steady. Cirrus and stratus clouds. Bent down royal and top-gallant yards at sunset. Aneroid barometer 30.16.

8 P.M. to Midnight. Unclouded sky, bright moonlight. Moderate breeze from W.W. Swung to flood tide at 8<sup>00</sup> completed at 9<sup>00</sup>. Tide running 1.6 knots at 11<sup>30</sup>. Aneroid barometer 30.18. W. M. Smith Master

Moowlanid Examined and found to be correct.  
Dec 13. 36.01 S.  
Phase 1 gr.

W. H. Parker  
Lieut & Navigator.

LOG of the UNITED STATES

Steamer "Essex"

3<sup>d</sup> Rate, 6 Guns,

Anchored off Rose Island. Doreas.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	88 1/4		N 90 W	2	30.07	69 69 69 66			b			10	S			
2	"		"	2	30.07	69 69 69 66			bc			9	"			
3	86		N	1	30.07	69 69 69 66			"			9	"			
4	86		Calm	0	30.07	69 69 69 66			"			9	"			
5	"		E x N.	1	30.10	67 68 68 65			"			9	"			
6	"		"	1	30.13	67 67 67 66			"			9	"			
7	"		E 4 E.	1	30.18	68 68 68 66			"			9	"			
8	Flooding		"	1	30.19	69 68 68 66			"			9	"			
9	Flood		"	1	30.19	72 72 72 68			"			9	"			
10	89 1/4		88 1/4 W.	1	30.20	73 74 74 70			"			9	"			
11	1 6		"	1	30.20	74 74 74 71			"			9	"			
Noon.	"		"	1	30.20	74 75 75 71			"			9	"			

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

350 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1500 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

88 " 1680 "

P. M.																	
1	8 x 9 1/4		Calm	0	30.16	73 72 72 70			bc			9	"				
2	88 1/4		28 8 1/4	2	30.16	73 73 73 71			"			9	"				
3	8 1/4		9 1/4	2	30.12	74 73 73 71			"			9	"				
4	8 1/4		N 90 W.	1	30.12	74 74 74 70			"			9	"				
5	Ebb		N.	2	30.15	75 74 74 71			"			9	"				
6	"		"	2	30.16	75 74 74 71			"			9	"				
7	"		"	2	30.16	74 73 73 70			"			9	"				
8	"		"	2	30.17	73 73 73 71			"			9	"				
9	"		N 90 W.	1	30.18	73 73 73 71			b			10	"				
10	Flood		8 1/4 W.	1	30.20	72 71 71 70			"			10	"				
11	8		"	1	30.20	73 73 73 72			"			10	"				
Mid.	"		"	1	30.20	73 73 73 72			"			10	"				

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. McCormick

, U. S. Navy,

Friday. September 11, 1883.

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and cool. Light airs from N<sup>o</sup> and calm. Bright moonlight. At 3<sup>o</sup> commenced swinging to ebb. Aneroid 30.20. Warming the crew

4 to 8 A.M. Clear and pleasant. Light airs from E by S and S.E. Barometer rising. Aneroid 30.30. Finished swinging to ebb at 4<sup>25</sup>, At 5<sup>45</sup> strength of tide was 1.6 knots. At 7<sup>20</sup> crossed topgallant yards. A.D. C. Ensign Lieut

8 A.M. to Meridian. Weather clear and pleasant. Commenced swinging to flood at 8<sup>o</sup>. Breeze light from ENE to SSW. Barometer steadily at 11<sup>45</sup>. Monocacy made signal. Interrogatory No 2255; answered and made signal No 904. Aneroid barometer 30.30. J. H. Lee, Lieut

Meridian to 4 P.M. Weather clear and pleasant. Gentle breeze from WSW. Barometer falling. Began swinging to ebb tide at 3<sup>20</sup>. Aneroid at end of watch 30.24. J. H. Lee, Lieut

4 to 8 P.M. Clear and pleasant. Bright moonlight latter part. Aiding to ebb tide getting around at 4<sup>30</sup>, greatest strength 2 knots. Went to quarters, at 4<sup>45</sup>. Received 3 barrels of lime, ~~1 of cement~~ and a quantity of lumber for surveying party. Aneroid barometer 30.29. W.W. Inn Master

8 P.M. to Midnight. Weather clear and pleasant. Bright moonlight. Light airs from S.W. Barometer rising slowly. Aneroid 30.30. At 9<sup>35</sup> commenced swinging to flood and finished at 10<sup>25</sup>. Greatest strength of tide 1.5 knots. A.D. C. Ensign

Moon mid Examined and found to be correct.

Dec 9° 54..53 S.

Phase 1 gr.

W. M. Parker  
Lieut Navigator.

LOG of the UNITED STATES

*Steamer "Essex"*  
Anchored off Rose Island, Korea.

3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	20	8 $\frac{1}{2}$	Calm	0	30.20	72	72	70				b		10	8	
2		"	"	0	30.20	70	72	70				"		10	"	
3		8 $\frac{1}{2}$ E	N $\frac{1}{2}$ E	1	30.20	70	72	69				bc	cis	9	"	
4		8 $\frac{1}{2}$ S.	"	2	30.19	69	69	69				"	"	9	"	
5	Obb	N $\frac{1}{2}$ E	N $\frac{1}{2}$ E	1	30.22	69	69	69				"	"	9	"	
6		"	"	1	30.24	68	67	68				"	"	9	"	
7		"	"	1	30.26	69	67	67				"	"	9	"	
8		"	N $\frac{1}{2}$ E	1	30.28	71	68	68				"	"	8	"	
9		"	Tars.	0-1	30.31	72	70	69				"	"	8	"	
10	Flood	"	"	0-1	30.31	72	71	70				"	"	8	"	
11		S.	E $\times$ S	1	30.30	73	72	69				"	Circum	8	"	
Noon.		"	"	1	30.30	70	73	69				"	"	8	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

330 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1170 "

"

Coal consumed during the preceding 24 hours

tons 300 lbs.

"

Coal remaining on hand at Noon

88" 1380 "

"

P. M.																
1	Flood	S.	E $\times$ S	1	30.20	74	73	70				bc	cir	9	"	
2	"	"	"	1	30.28	75	74	71				"	"	8	"	
3	"	8 $\frac{1}{2}$	W $\frac{1}{2}$ W	1	30.26	76	75	72				"	"	8	"	
4	"	"	"	1	30.24	79	77	72				"	"	8	"	
5	Obb	N.	Calm	0	30.22	79	78	75				"	"	8	"	
6	"	"	"	0	30.20	78	77	75				"	"	9	"	
7	"	"	NW	1	30.20	76	75	73				"	"	9	"	
8	"	"	"	1	30.22	78	74	73				"	"	9	"	
9	"	"	N.	1	30.25	76	74	73				b		10	"	
10	"	"	"	1	30.28	75	73	72				"		10	"	
11	Flood	8 $\frac{1}{2}$ E	E $\times$ S	2	30.28	78	73	71				bc	cir	9	"	
Mid.	"	"	"	2	30.26	72	72	70				"	"	9	"	

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. M<sup>c</sup> Connick

, U. S. Navy,

Saturday. September 15

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 a.m. Weather clear and pleasant. Light airs from N. E. in latter part of watch. At 3<sup>rd</sup> ship began to swing to ebb tide. Aneroid bar. 30.30.

11 to 8. A.M. Weather clear and pleasant. Light airs from N<sup>E</sup> and E<sup>O</sup>. Barometer rising. Made routine dress signal at 7.00. Riding to ebb tide. Tide running 18 knots. Aneroid at end of watch 30.31.

8 A.M. to Meridian. Pleasant weather. Light variable airs first part, from E<sup>S</sup> & S latter part. At 9<sup>00</sup> Monocacy signalled no absentes, and at 10<sup>00</sup> signalled Deck. Mustered, and inspected at quarters at 9<sup>30</sup>. Arid bedding. By order of Commanding Officer W. H. Cox, (O) W<sup>m</sup> Simpson, (O) and Stephen P. Smallfield (O) were given seven first watches for disobeying orders of Officer of deck. Received on board in Navigation Department a quantity of surveying instruments and stores. Aneroid barometer 30.38. Released Charles Dunn (O) from confinement and W<sup>m</sup> Spellman (S) in confinement pursuant to sentence of 7<sup>th</sup> inst.

Meridian to 11. PM. Clear and warm. Light breeze from E by S. Swinging to flood, slack water at 11. Tide running 2.2 ab<sup>1</sup>.18. Aneroid 30.30.

11 to 8. PM. Clear pleasant weather. Calm, and light airs from N.W. Barometer steady. Aneroid 30.31. At 4<sup>25</sup> commenced swinging to ebb, and finished at 5<sup>00</sup>, strength of surface current 1.2 knots. At 6<sup>00</sup> made general signal 1087 to Monocacy.

8 PM to Midnight. Weather clear and pleasant. Bright moonlight. Light variable winds. Barometer steady. Swinging to the flood at 10.20 - 10.50. Tide running 1.8 knots. Aneroid, at end of watch 30.32.

C. Parker Lieut

Moon lined Examined and found to be correct.

Dec 5° 35' 20" S

Phase 1 gr.

M. H. Parker  
Lieut & Navigator.

LOG of the UNITED STATES

*Steamer "Essex"*, 3d Rate, 6 Guns,  
Anchored off Rose Island, Cora.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Flood	S	SSE	2	30.25	72	72	69				bc	circum	5	S	
2	20	"	"	3	30.23	73	72	69				"	"	6	"	
3	"	"	S-14	3-4	30.23	73	72	69				"	"	6	"	
4	"	"	S-4	3-4	30.21	73	72	69				"	.	6	"	
5	C	C	2	30.20	70	68	65					"	circum	9	"	
6	Aby C	N&E x E.	2	30.20	68	67	65					"	"	7	"	
7	"	C	2	30.20	68	68	66					"	"	7	"	
8	"	"	2	30.20	69	68	66					"	"	7	"	
9	Ebb	"	SSE	3	30.22	70	69	67				"	circum	5	"	
10	"	"	3	30.23	72	71	69					"	"	6	"	
11	S	SSE	3	30.23	72	72	69					"	"	6	"	
Noon.	"	"	2	30.23	73	72	69					"	"	6	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

330 gallons.

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

840 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

88 " 1080 "

P. M.	1	8														
1	Flood	SSE	SSE	1	30.20	73	73	70				bc	circum	5	"	
2	20	"	"	1	30.18	74	73	70				"	"	5	"	
3	21	"	"	1	30.11	74	73	70				"	"	3	"	
4	Flood	"	S&E x E.	1	30.12	74	73	70				"	"	2	"	
5	"	W	1	30.12	75	74	72					"	"	3	"	
6	Ebb	N x E.	Balm	0	30.12	75	74	72				"	"	11	"	
7	"	"	0	30.12	75	74	72					"	circum	2	"	
8	"	"	0	30.12	75	74	72					"	"	2	"	
9	"	N&E x N.	1	30.11	73	74	73					oc	"	0	"	
10	"	"	1	30.09	73	73	72					"	"	0	"	
11	ENE	E&N	1	30.07	72	72	71					"	"	0	"	
Mid.	Flood	S	S	1	30.04	71	72	71				"	"	0	"	

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. McCormick

, U. S. Navy,

Sunday. September 16 , 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy and cool. Moderate breeze from N.E. Riding to the flood, greatest strength. 8 knots. Aneroid barometer 30.31.

11 to 8. A.M. Clear and pleasant, Gentle breeze from East. At 5<sup>30</sup> finished swinging to ebb. Tide running 2.2 knots. Aneroid 30.34.

8 A.M. to Meridian. Cloudy and pleasant. Gentle breeze from ESE and S.S.E. Barometer steady. Aneroid 30.30. At 9<sup>30</sup> Captain and two Officers inspected ship and crew at quarters. At 10<sup>00</sup> ship began to swing to flood and finished in an hour. At 11<sup>45</sup> strength of surface current 1.8 knots.

Meridian to 4 P.M. Weather pleasant. Light breeze from S.S.E. Barometer falling. Clouds cirro-cumulus and stratus. Riding to flood tide. greatest strength of current 2.1 knots. Aneroid barometer 30.22.

4 to 8. P.M. Weather cloudy and pleasant. Light variable airs and calm. Barometer steady. By order of Commanding Officer placed John J. Walton (O.W.) and John Syncl. (O.W.) in double irons for being drunk and noisy on board ship. Tide turned ebb 5<sup>15</sup> - 5<sup>40</sup>: velocity 2 knots. Aneroid 30.20. Lieutenant M.R.S. Mackenzie and Surgeon Arthur turned from leave.

8 P.M. to Midnight, Clear. Light fleecy clouds. Light variable airs from N<sup>o</sup> and E<sup>o</sup>. At 10<sup>30</sup> commenced to swing to flood, at 11<sup>30</sup> finished. Observed moonlight, Aneroid 30.20.

Wainwright-Keeyayeez Lieutenant

Moonlight Examined and found to be correct.

Dec 00.. 46.. 03 N.

Phase 1 gr.

W. S. Parker  
Lieut & Navigator.

LOG of the UNITED STATES

*Steamer Essex*  
Anchored off Rose Island. Corea.

, 3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Flood	S	S. E.	2			30.04	72	72	70		ocd	cumulus	0	S	
2	"	"	"	3			30.02	72	71	70		ocn	cumulus	0	"	
3	"	"	"	3			30.01	71	71	71		"	"	0	"	
4	"	"	"	2			30.00	72	71	71		"	"	0	"	
5	"	"	"	2			29.98	72	70	71		"	"	0	"	
6		E NE.	E S E.	3			29.96	72	69	70		"	cumulus	0	"	
7	ebb	N N E.	"	11			29.93	71	69	70		bo	"	1	"	
8		N E x N.	S E x S.	5			29.90	70	69	70		"	"	1	"	
9		N E x E.	E S E.	3.5			29.88	72	68	70		ocgou	"	0	"	
10		"	"	3.5			29.85	70	68	70		"	"	0	"	
11		E	"	3.5			29.85	70	68	70		"	"	0	"	
Noon.		S x S.	"	3.5			29.82	71	68	71		"	"	0	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

320 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

520 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

88 " 780 "

P. M.																
1	Flood	S	S S E.	3.5			29.83	71	69	72		ocgou	cumulus	0	"	
2	"		E N E.	3.5			29.83	71	68	69		"	"	0	"	
3	"	"	"	3.5			29.83	71	67	69		"	"	0	"	
4	"	"	"	2-11			29.86	71	68	70		ocgou	"	0	"	
5	"	"	"	3			29.84	72	68	70		bc	cumulus	11	"	
6			E N E.	"			29.89	72	69	70		"	cumulus	5	"	
7	"		N E	3			29.90	72	69	70		"	"	7	"	
8	"	"	"	3			29.92	73	69	69		"	trab	9	"	
9			N E	"			29.92	72	69	70		"	"	9	"	
10	"	"	"	1			29.92	71	68	69		"	"	9	"	
11			N x N	"			29.92	71	68	69		"	"	9	"	
Mid.	"	"	"	2			29.92	71	68	69		"	"	9	"	

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. M. McCormick

, U. S. Navy,

Monday. September 17<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Overcast, and rainy all the watch. Barometer falling. Aneroid 30.09. Light to gentle breeze from S.E. Riding to flood all the watch. Greatest strength of current 1.4 knots.

A. Brown, Ensign.

11 to 8 A.M. Weather overcast cloudy and rainy. Breeze light to fresh from S.E. to S.S.E. Barometer falling. Swung to ebb at 6:48. strength of current at 8, 2.4 knots. Aneroid barometer 30.06.

Karl Hobart, Lieut

8 A.M. to Meridian. Weather overcast equally rainy and threatening. Wind blowing in fresh puffs from E.S.E. Barometer falling. Made routine signals at 9.06 and 10. (numerals 0 and 3.) By order of Commanding Officer released John J. Wallon (D.L.W.) and John Lynch (D.L.C.) from confinement. The Monocacy made signal (Army Code), at 9.48. "If weather permits to day we will transfer Thomas Noon. (Frieman) for Ah Duy." Swung to flood tide 10.40 - 11.25. Tide running 1.5 knots. Aneroid 30.00.

John Lieut

Meridian to 11 P.M. Overcast cloudy and rainy with wind fresh and equally first hour from S.S.E., remainder of watch from N.N.E. slightly clearing latter part. Tide running flood - 1 knot at 1 O'clock. Transferred Ah Duy (D.L.F.) to U.S.S. Monocacy and received in exchange Tho. Noon. (D.L.F.). Sent a mail over to Japanese corvette which they offered to carry to Nagasaki. Aneroid barometer 30.02.

W. W. Smith, Master.

11 to 8 P.M. Clear delightful weather after 4.30. Cloudy and rainy first half of watch. Tide, at 11.45, running 2.5 knots. Slack water at 5. Ship finished swinging to ebb, at 5.50; force of tide at 7, 2.1 knots. At 4<sup>45</sup> mustered at quarters. Aneroid 30.08. At 5.30 Set down to gaet yards to masts.

W. A. Muller - Keeley, Lieut

8 P.M. to Midnight. Weather clear, and pleasant. Light breeze from N<sup>o</sup> and E<sup>o</sup>. Barometer steady. Slack water at 11. Greatest strength of current 2.1 knots. Aneroid barometer 30.10.

Karl Hobart, Lieut

Moon, mid Examined and found to be correct.

Dec 4. 07.41 n

Phase 7. m.

W. H. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

*Steamer "Essex"*, 3d Rate, 6 Guns,  
Anchored off Poze Island, Corea.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Flood	88°W.	NW	2			29.92	68	67	68		bc	cir	9	5	
2		"	"	2			29.90	67	67	67		"	"	9	"	
3		"	"	2			29.90	67	67	67		"	"	9	"	
4		"	"	2			29.90	68	67	67		"	"	9	"	
5		S	NE	3			29.92	67	67	67		"	strat	9	"	
6		"	"	3			29.93	67	66	66		"	"	9	"	
7	Ebb	NE	"	2			29.95	67	65	65		"	cir	9	"	
8		"	"	1			29.97	69	66	66		"	"	9	"	
9		"	NW	1			29.98	72	68	67		"	"	9	"	
10		"	"	1			29.98	72	68	67		"	cirrus	9	"	
11		"	"	1			29.98	72	71	69		"	"	9	"	
Noon.		SW	"	1			29.98	72	71	69		"	"	8	"	

Distance run by Log since preceding Noon

knots      fathoms.

Latitude by D. R. at Noon

°      '      "

Longitude by D. R. at Noon

°      '      "

Latitude by Observations at Noon ☽

°      '      "

Longitude by Chronometer from Forenoon Observations ☽

°      '      "

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°      '      "

Variation of the Compass by Azimuth ☽ observed at

°      '      "

Water expended during the preceding 24 hours

320 gallons.

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

200 "

Coal consumed during the preceding 24 hours

tons 1700 lbs.

Coal remaining on hand at Noon

87 " 1320 "

P. M.																	
1	Flood	8xW	NW	1			29.93	72	71	70		bc	cirrus	5	"		
2		"	"	1			29.90	72	71	70		"	"	6	"		
3		88W	NW	2			29.89	73	73	72		"	"	5	"		
4		"	"	2			29.89	73	73	72		"	"	5	"		
5		"	"	2			29.90	73	72	72		"	cirrus	4	"		
6		"	"	2			29.90	73	72	70		"	"	4	"		
7	Ebb	N	NW	3			29.90	73	72	70		"	cum	4	"		
8		"	"	3			29.91	74	72	70		oc	"	0	"		
9		NxE	NW	1			29.94	74	72	69	60	cum	3cum	1	"		
10		"	"	1			29.95	74	71	69		"	"	3	"		
11		"	"	1			29.91	73	71	69		"	"	2	"		
Mid.		"	"	1			29.94	73	71	69		"	"	1	"		

Longitude by Chronometer from Afternoon Observations ☽

°      '      "

Longitude by Chronometer from Observations \*

°      '      "

Variation of the Compass by Amplitude      observed at Sunset

°      '      "

Variation of the Compass by      at

°      '      "

under the command of

Commander A. H. McCormick

, U. S. Navy,

Tuesday, September 18, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 14 A.M. Weather clear and cool. Gentle breeze from N.W. Barometer steady. Finished swinging to flood at 12.20. Strength of tide 2.5 knots. Aneroid at end of watch 30.08.

11 to 8 A.M. Clear and pleasant. Gentle breeze from N.E. At 5<sup>30</sup> the "Monocacy" got underway and stood to the S<sup>o</sup>, At 5<sup>30</sup> commenced to swing to the ebb, got around at 7<sup>00</sup>, At 7<sup>30</sup> sent up topgallant masts and yards, and loosed sail to a bunt line. Aneroid bar. 30.10

C. H. Lieut

8 A.M. to Meridian. Clear delightful weather. Light airs from N & E. At 9<sup>30</sup> mustered at quarters; drilled all gun divisions at great guns. Circused Stars and 1st Div. and Marines at small arm target practiced. Slack water at 11<sup>45</sup>. Current at 9<sup>00</sup> 2.2 knots. Aneroid 30.11. Started fins for distilling.

W. W. Ann Master

Meridian to 11 P.M. Weather cloudy and pleasant. Light airs and breezes from S.W. and W.N.W. Barometer falling. Aneroid 30.04. Finished swinging to flood at 12.10; tide running 2.5 knots. At 1<sup>55</sup> started distilling. At 3.30 furled sail.

W. W. Ann Master

11 to 8 P.M. Weather pleasant. Light to gentle breeze from N & W. to N.W. Barometer steady. Slack water at 6, swung to ebb tide at 7. Greatest strength of current on flood tide 2.8 knots, and on ebb 1.6 knots. Distilling. At 4<sup>45</sup> mustered at quarters, and issued clean hammocks. Aneroid bar. 30.08. Bent down topgallant yards

H. D. Brown Ensign

8 P.M. to Midnight. Pleasant weather. Light breeze from S. N.W. Riding to ebb tide. 2.0 kilots at 10<sup>00</sup>, Aneroid barometer 30.07. Distilling.

W. W. Ann Master.

Moon, mid Examined and found to be correct.

Dec 8..48..56 N.

Phase 7. M

W. J. Parker  
Lieut-S, Navigator.

LOG of the UNITED STATES

*Steamer "Essex"*  
Anchored off Rose Island. Corea

, 3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Flood	8	N8	/			29.92	70	69	69		bc	cir cum	2	8	
2		88W		"	2		29.90	69	69	69		"	"	14	"	
3				"	2		29.89	68	68	67		"	-	1	"	
4				"	2		29.89	67	68	67		"	-	1	"	
5		8xW.	ND8W.	2			29.89	67	68	68		oc	cumulus	0	"	
6	Spring	6		"	2		29.89	67	68	68		"	"	0	"	
7	Ebb	"		"	1		29.90	67	67	67		bc	strat	2	"	
8	Ebb.	8xE		"	1		29.92	68	67	66		"	"	2	"	
9				ND8E	1		29.95	69	68	66		"	cir cum	3	"	
10				"	1		29.95	70	69	67		"	"	14	"	
11				"	1		29.97	70	70	68		"	"	5	"	
Noon.				"	1		29.97	71	71	68		"	cir cum strat	4	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

350 gallons.

Water distilled      during the preceding 24 hours

1550 "

Water remaining on hand fit for use at Noon

11100 "

Coal consumed during the preceding 24 hours

2 tons 10 20 lbs.

Coal remaining on hand at Noon

85 " 300 "

P. M. Spring	1	to flood	WxS	NDW	/		29.94	73	72	70		bc	cir cum 3cum	2	"
2	Flood	8xW	Calm	0			29.91	73	72	70		"	"	2	"
3	"		NDW	1			29.89	73	72	70		"	"	2	"
4		88W	"	1			29.87	72	72	70		"	"	1	"
5	"	"	"	1			29.86	72	72	70		"	"	2	"
6		"	"	1			29.85	72	71	70		"	"	3	"
7	Spring	8	"	1			29.85	71	71	70		"	"	14	"
8	Ebb	ND8E	"	1			29.87	72	71	70		"	"	14	"
9	"		ND8E	1			29.90	73	71	71		"	cir cum	7	"
10	"		"	1			29.92	73	71	71		"	"	7	"
11	"		"	1			29.94	73	70	70		"	cir cum 3cum	6	"
Mid.	"		"	1			29.94	70	70	70		"	"	5	"

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by

at

°

"

under the command of

Commander A. H. McCormick, U. S. Navy,  
Wednesday. September 19<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Light breeze from N.E. Tide running 2.0 knots, at 2.30. Flood. Bright moonlight. Finished swinging to flood at 10<sup>45</sup>. Aneroid 30.05. *W. W. Minn. Master*

4 to 8 A.M. Overcast and cloudy. Light breezes and airs from N.N.W. Barometer steady. Aneroid 30.08. At 6<sup>30</sup> began to swing to ebb, and finished at 7.15. tide running 1.6 at 7<sup>50</sup>. Dressed topgallant and royal yards. At 8<sup>30</sup> the Japanese corvette left the harbor. Distilling. *A. H. Parker, Lieut*

8 A.M. to Meridian. Weather pleasant. Light breeze from N.N.E. Barometer rising. Ebb tide running. Strength of current 2.5 knots. At 9<sup>30</sup> mustered and inspected at quarters. Exercise shifting topsail yards. Aneroid bar. 30.07. *A. H. Parker, Lieut*  
Meridian to 11 P.M. Weather cloudy and pleasant. Light variable airs and calms. Barometer falling. Ship swinging to flood tide 12.25 - 1.15. Aneroid at end of watch 30.00. *A. H. Parker, Lieut*

11 to 8 P.M. Pleasant weather, partly cloudy. Light breeze from N.W. Went to quarters, at 4.15. At sunset sent down topgallant and royal yards. Swung to ebb tide 7<sup>0</sup> to 7<sup>35</sup>. Aneroid barometer 30.02. Distilling. *W. W. Minn. Master*

8 P.M. to Midnight. Partly cloudy but pleasant. Bright moonlight. Light airs from N.N.E. Barometer rising slowly. Aneroid 30.07. Rolling to ebb all the watch. Surface current 0.2 knots. *A. H. Parker, Lieut*

Moon mid Examined and found to be correct.  
Dec 12<sup>th</sup> 54<sup>m</sup> 55<sup>s</sup> N.  
Phase 7. m.

B. H. Parker  
Lieut - 8 Navigator.

## LOG of the UNITED STATES

Steamer "Essex", 3d Rate, 6 Guns,  
Anchored off Rose Island. Corea.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.	
				Direction.	Force.	Lee-way.	Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Ebb	St.	N E	/	29.94	69	70	71				bc	Scicum	8	S	
2	Fluct	S E		/	29.94	69	70	71				"	"	7	"	
3		S x W		2	29.94	69	69	69				"	"	5	"	
4				2	29.94	69	69	69				"	"	8	"	
5		S	N E x E	2	29.93	67	67	67				"	"	6	"	
6			E	2	29.93	67	67	67				"	"	8	"	
7		S x E		1	29.95	67	67	66				"	"	8	"	
8		N E	N E	/	29.96	68	67	66				"	"	7	"	
9	Ebb	N x E		/	30.01	69	69	67				"	"	8	"	
10	"	E		/	30.02	70	69	68				"	"	9	"	
11	"	Calm		0	30.03	71	71	69				"	"	8	"	
Noon.		St.		0	30.04	71	71	69				"	"	8	"	

Distance run by Log since preceding Noon

knots      fathoms.

### Latitude by D. R. at Noon

• 11

### Longitude by D. R. at Noon

• 11

### Latitude by Observations at Noon ◎

• 11

Longitude by Chronometer from Forenoon Observations ©

Q F FF

### Variation of the Compass by Amplitude $\Theta$ obs

350 gallons

Water during the preceding 24 hours

180 "

Water remaining on hand fit for use at Noon.

0858 "

Gas consumed during the preceding 24 hours

### Geographical distribution

83 " 1180 "

P. M.									
1	Flood	NW	SW	/	30.02	75	72	70	Sc
2		SW	"	/	30.00	73	73	70	"
3		"	"	/	30.00	75	74	71	"
4		"	"	/	30.00	75	75	72	"
5		"	"	2	29.98	75	75	72	"
6		SSW	"	2	29.98	75	74	71	"
7	Evening	"	Calm	0	29.98	75	74	71	"
8	Ebb	SW	NW	/	30.00	75	74	71	Civ
9	Ebb	N.	"	/	30.00	73	72	70	"
10		"	"	/	30.00	73	72	70	"
11		"	"	/	30.00	72	71	70	"
Mid.		"	"	/	30.00	72	71	70	"

Longitude by Chronometer from Afternoon Observations ②

### Longitude by Chronometer from Observations

Variation of the Compass by Amplitude observed at Sunset

### Variation of the Compass by

under the command of

Commander A. H. McCormick

, U. S. Navy,

Thursday, September 20, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Weather clear and pleasant. Light breeze from S.E. Barometer steady. Slack water at 1. Swung to flood tide at 1.45. Greatest strength of current at flood tide 2.2 knots. Bright moon and star-light. Stopped distilling, and hauled firs. Aneroid barometer 30.09.

11 A.M. W.H. Lumb

11 to 8 A.M. Weather clear and pleasant. Light variable airs. Barometer rising. Swung to ebb tide, at 7.15 - 8.00. strength 2.4. Crossed topgallant and royal yards, and loosed sail at 7.30. Aneroid, at end of watch 30.14.

W.H. Lumb

8 A.M. to Meridian. Pleasant weather. Light variable airs and calms. Mustered, and inspected at quarters at 9<sup>00</sup> after which exercised at company drill, also exercised at Casting gun and 3 in Rifle. Furled sail at 10<sup>00</sup>, Tide running 0.3 knots, at 10<sup>00</sup>. Aneroid barometer 30.16.

W.W. Innis Master

Meridian to 1 P.M. Clear, and warm. Light breeze from S.W. Slack water at 12<sup>00</sup> and at 2 finished swinging to flood, tide running 2.2 knots. At 2 Japanese steamer from Nagasaki came in and anchored. Aneroid 30.10. Wainwright-Keevy

COK Lumb

11 to 8 P.M. Weather clear and pleasant, light breezes from S.W. and calms. Barometer steady, Aneroid 30.10. Riding to flood until 7.45 greatest strength of tide 2.5 knots. Sent down topgallant and royal yards, at sunset.

H. Dunn Ensign

8 P.M. to Midnight, Weather clear and pleasant. Light breeze from N.W. Barometer steady. Finished swinging to ebb tide at 8<sup>00</sup>. Strength of tide 0.6. Aneroid, at end of watch 30.18.

W.H. Lumb

Moon mid Examined and found to be correct.

Dec 16° 08' 23" N

Phase 7. m.

W. H. Parker  
Lieut & Navigator.

LOG of the UNITED STATES

*Steamer "Essex"*  
*Anchored off Rose Island. Corea.*

, 3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Flood	NW N	Balw	0			30.03	71	71	70		bc	circum	8	S	
2		SSW	"	0			30.03	71	71	70		"	"	7	"	
3	.	S E		1			30.03	71	71	70		"	"	6	"	
4	"	"		2			30.03	71	71	69		"	"	5	"	
5		S + W.	Balw	0			30.01	70	70	70		"	"	2	"	
6	"	WSW		1			30.00	70	70	70		"	"	3	"	
7		"		1			30.00	71	70	69		"	"	11	"	
8	Swinging	SSW.	S W.	1			30.00	71	70	68		"	"	4	"	
9	Ebb	N + E.	S.	3			29.98	71	71	70		"	"	5	"	
10	"	"		11			29.98	71	71	70		"	"	11	"	
11	"	S + W.	S - S	2 - 5			29.97	73	73	71		bcg	"	14	"	
Noon.	"	WSW	S - S	3 - 5			29.97	73	73	71		"	"	4	"	

Distance run by Log since preceding Noon

knots fathoms.

Latitude by D. R. at Noon

° ' "

Longitude by D. R. at Noon

° ' "

Latitude by Observations at Noon ☽

° ' "

Longitude by Chronometer from Forenoon Observations ☽

° ' "

Current during the time knots fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

Variation of the Compass by Azimuth ☽ observed at

Water expended during the preceding 24 hours 320 gallons.

Water during the preceding 24 hours "

Water remaining on hand fit for use at Noon 2530 "

Coal consumed during the preceding 24 hours tons 300 lbs.

Coal remaining on hand at Noon 83 " 1380 "

P. M.																	
1	Ebb	N W + N.	WSW	4 - 6			29.97	72	72	72		bcg plt	min. cum cum str	3	"		
2	Flood	SSW	S W	3 - 5			29.97	72	69	69		bcg	"	11	"		
3	"	"	"	3 - 5			29.97	72	70	69		bcg	"	14	"		
4	"	"	WSW	5			29.95	72	72	71		bc	cum str	5	"		
5	"	"	"	4 - 5			29.95	73	72	71		bcg	circum	6	"		
6	"	"	"	4 - 5			29.95	72	69	65		"	cirr str	8	"		
7	"	"	N W.	4 - 5			29.98	72	69	65		"	"	8	"		
8	Swinging	"	"	11 - 5			30.00	71	67	63		"	"	8	"		
9	Ebb	N + W	N + W.	4 - 5			30.00	71	65	61		"	ci	9	"		
10		N.	"	4 - 5			30.02	71	64	60		"	"	9	"		
11	"	"	"	4 - 5			30.05	67	63	59		bq	-	10	"		
Mid.	"	"	"	2 - 3			30.05	67	63	59		"	-	10	"		

Longitude by Chronometer from Afternoon Observations ☽

° ' "

Longitude by Chronometer from Observations \*

° ' "

Variation of the Compass by Amplitude observed at Sunset

° ' "

Variation of the Compass by at

° ' "

under the command of

Commander A. H. M<sup>c</sup>Cormick

, U. S. Navy.

Friday. September 21st

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Pleasant weather, calm first part, light airs from S. Remainder of watch. Swung to the flood tide 1° - 2°, tide running 2 knots at 11°, Aneroid barometer 30.12.

W. W. Inn Master

11 to 8. A.M. Cloudy. Pleasant. Light breeze from S<sup>E</sup> and N<sup>E</sup>. Tide running flood during watch, 2.2 knots at 6. Aneroid 30.11.

8 A.M. to Meridian. Cloudy and equally. Gentle to stiff breeze from South and S by W. Barometer steady. Aneroid 30.11. At 9.30 beat to general quarters and exercised at quarters and with torpedoes. Swung to ebb tide 8<sup>45</sup> being 45 minutes in swinging. Tide running 2.4 knots. By order of Commanding Officer assigned the following punishments viz; C. S. Carr (O8) F. J. Clark (O8) and Wm Simpson (O8) half an hours extra duty, each for out of order at exercise. Placed Wm Simpson (O8) in confinement w/ double irons for three days for disobedience of Petty Officers orders.

A. D. Dunn Ensign

Meridian to 11 P.M. Weather equally and unsettled in first part of watch, clearing up in latter part. Breeze fresh in equals from S<sup>W</sup> to N<sup>S</sup> W. Barometer steady. Slack water at 1<sup>30</sup>. Swung to flood tide at 2°, strength of current 2 knots. Aneroid barometer 30.08.

T. Lark Johnson Lieut-

4 to 8 P.M. Weather partly cloudy and equally. Wind from N<sup>E</sup> S<sup>W</sup>. Exercised at fire quarters at 4<sup>30</sup>. Flood tide running 2.5 knots. Slashed spars. Sent a supply of Medicines by their steam launch to H. M. S. Flying Fish ~~guaranteed~~ with cholera on board. Aneroid at end of watch 30.12.

G. B. Lee Lieut-

8 P.M. to Midnight. Clear and cool. Moderate to light breeze from N by W. Moon arose at 9. Bright moonlight. At 9<sup>00</sup> finished swinging to ebb tide running 2.4 at 11<sup>30</sup>. Aneroid 30.20.

W. A. Inn Master Lieut

Moon mid Examined and found to be correct.

Dec 18° 16' 09" N

Phase Full moon

W. H. Parker  
Lieut, Navigator.

## LOG of the UNITED STATES

*Steamer "Essex"*  
Anchored off Rose Island. Corea.

3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Ebb	10 1/2	N N E	1			30.07	67	63	59		bc	cir	9	S	
2	"	"	"	1			30.07	67	63	59		"	"	9	"	
3		8 d 9 h	W N S W	1			30.07	67	62	59		,	.	9	"	
4	Flood	"	"	1			30.07	67	64	60		,	"	9	"	
5	"	"	"	1			30.10	67	64	61		"	cir str	9	"	
6	"	"	"	1			30.10	67	65	63		"	circum primum	8	"	
7	"	"	N N E	3-5			30.10	67	67	64		bcg	,	6	"	
8	evening	8 by 6	N E	3			30.10	66	64	62		bc	.	6	"	
9	to ebb	6	N N E	1			30.10	68	67	65		"	-	6	"	
10	6 h	N	W N N E	2			30.10	70	69	66		"	cir	9	"	
11	"	"	"	2			30.10	70	70	67		"	cir cum	8	"	
Noon.	"	"	"	2-4			30.10	71	70	67		bcg	"	8	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

"

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

330 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2200 "

Coal consumed during the preceding 24 hours

tons lbs.

Coal remaining on hand at Noon

83 " 480 "

P. M.																	
1	Ebb	N.	N.	2-4			30.07	70	69	66		bcg	circum	8	S		
2	"	N N E	W S W	2-4			30.07	71	69	66		"	"	8	"		
3		8 N x N	"	3-5			30.07	72	71	66		"	circum	9	"		
4	Flood	8 N x S	"	3-5			30.07	72	71	66		"	"	9	"		
5	"	"	W N N E	11			30.07	72	70	66		bc	cir	9	"		
6	"	"	"	11			30.07	71	69	65		"	"	9	"		
7	"	"	"	3			30.08	71	69	65		"	"	9	"		
8	"	"	"	3			30.08	71	69	66		"	"	9	"		
9	evening	"	N.	11			30.09	71	70	67		bcg	"	9	"		
10	to ebb	N E	"	11			30.09	72	70	67		"	"	9	"		
11	Ebb	N x E	"	4-6			30.08	72	70	67		bcgl	"	9	"		
Mid.	"	"	"	4-6			30.08	71	70	67		"	"	9	"		

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations

\*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. M<sup>c</sup>Connick

, U. S. Navy,

Saturday, September 22d, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant, Bright moonlight. Light airs from N and N.W. Barometer steady. Aneroid 30.22. At 2° began to swing to flood, and finished at 3°, Tide 1.6 knots.

4 to 8 A.M. Weather pleasant. Breeze light to fresh in squalls from WSW to N.E. Flood tide running: strength of current 2.4 knots. Barometer steady. Aneroid Barometer 30.22.

H. D. Munro, Ensign  
8 A.M. to Meridian. Weather clear and pleasant. Gentle breeze from WSW, growing equally at end of watch. Barometer steady. Mustered at quarters at 9.30. Inspected clothing and hammocks and aired bedding. Swung to ebb tide 8<sup>30</sup> 9<sup>00</sup>. Tide running 0.3 knots. Aneroid at end of watch 30.22.

H. D. Munro, Ensign  
4 to 8 P.M. Clear delightful weather. Fresh to moderate breeze from N.N.W. Flood tide during watch. Tide at 6° running 0.5 knots. At 4<sup>45</sup> mustered at quarters. Aneroid 30.20.

Meridian to 11 P.M. Pleasant weather. Moderate breeze from West, hauling to N.S. W and coming in strong puffs. Slack water at 14°, swung to flood at 2°, Aneroid barometer 30.21. Sent a small liberty party ashore.

W. W. Inn, Master  
8 P.M. to Midnight. Weather pleasant but squally. Breeze stiff in squalls from West. Barometer steady. Swung to ebb tide at 10<sup>30</sup>, strength of tide at 11<sup>50</sup> 0 knots. Aneroid barometer 30.21.

H. D. Munro, Ensign

Moon longitude Examined and found to be correct.

Dec 19° 12' 08" N

Phase, Full moon.

W. W. Parker  
Lieut Navigator.

LOG of the UNITED STATES

Steamer "Essex", 3d Rate, 6 Guns,  
Anchored off Rose Island. Corea.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prc. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. at'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Ebb	N.	W N W	4	6		30.06	71	69	68		beg	circum	9	S	
2	Swinging	N W N	"	4	6		30.06	71	69	67		"	"	9	"	
3	to	W S W	"	4	6		30.06	71	68	67		"	"	9	"	
4	Flood	S W	"	4	6		30.05	70	67	66		"	"	9	"	
5	"	"	S	5	5		30.05	70	69	67		beg	circum	7	"	
6	"	"	N	3	11		30.06	70	69	67		"	"	8	"	
7	"	"	W N W	2	11		30.07	70	68	66		"	"	8	"	
8	"	"	N N W	0	11		30.09	69	68	64		"	"	8	"	
9	"	"	"	3			30.12	69	66	63		bc	cir cum	8	"	
10	Ebb	S N W	"	3			30.15	69	67	62		"	"	8	"	
11	"	"	W N W	3	5		30.18	69	66	62		beg	cir	9	"	
Noon.	"	"	"	3	5		30.18	69	66	62		"	"	9	"	

Distance run by Log since preceding Noon

knots fathoms.

Latitude by D. R. at Noon

° "

Longitude by D. R. at Noon

° "

Latitude by Observations at Noon ☽

° "

Longitude by Chronometer from Forenoon Observations ☽

° "

Current during the time knots fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

° "

Variation of the Compass by Azimuth ☽ observed at

° "

Water expended during the preceding 24 hours

330 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1870 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

83 " 180 "

P. M.																
1	Ebb	N N W	N W	11			30.16	70	66	62		bc	cir	9	"	
2	Swinging	N	"	11			30.16	70	67	63		"	"	9	"	
3	"	W	W	11			30.18	70	68	65		"	"	9	"	
4	Flood	S W + S	"	11			30.15	70	70	66		"	"	9	"	
5	Flood	"	"	11			30.15	70	70	66		"	"	9	"	
6	"	"	"	11			30.13	70	66	64		"	cir cum	9	"	
7	S S W.	W N W.	4				30.15	70	65	62		bl		10	"	
8	S W S.	"	11				30.15	70	65	62		"		10	"	
9	"	"	3				30.15	70	65	62		b		10	"	
10	Ebb	"	"	2			30.18	70	64	61		"		10	"	
11	"	N + W	"	2			30.19	69	64	61		bc	cir	10	"	
Mid.	"	"	"	2			30.19	69	64	61						

Longitude by Chronometer from Afternoon Observations ☽

° "

Longitude by Chronometer from Observations \*

° "

Variation of the Compass by Amplitude observed at Sunset

° "

Variation of the Compass by at

° "

under the command of

Commander A. H. M<sup>o</sup> Connick

, U. S. Navy,

Sunday. September 23d

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Weather clear and equally. wind from N.E. W. Barometer steady. Swung to flood tide at 2°. Bright moonlight. Aneroid at end of watch 30.29.

11 to 8 A.M. Clear and cool. Wind fresh and equally from West to W.N.W. moderating gradually. Tide running 2 knots at 7°. Aneroid barometer 30.22.

8 A.M. to Meridian. Clear delightful weather. Fresh breeze from N.N.W. to W.N.W. Slack water ab 9° and at 10° finished swinging to ebb. Tide running 2 knots ab 11<sup>45</sup>. At 9° mustered at quarters. Commanding Officer inspected ship and crew. Aneroid 30.28.

Meridian to 4 P.M. Clear pleasant weather. Moderate breeze from N.W. and West. Barometer steady. Aneroid 30.27. Began to swing to flood at 2° and rode between tide and wind throughout of watch.

4 to 8 P.M. Weather clear and pleasant. Moderate breeze from N to W.N.W. Barometer steady. Riding to flood tide, strength of current 2 knots. Lightning to N. Aneroid barometer 30.30.

8 P.M. to Midnight. Clear and cool. Unclouded sky. Light breeze from W. N.W. Bright starlight. Moon rose ab 10<sup>45</sup>. Occasional flashes of the Aurora Borealis visible in the Northwest. High water ab 10°, swinging to ebb ab 10<sup>45</sup>. Aneroid barometer 30.30.

W.W. Penn Master

Moonlight Examined and found to be correct.

Dec  
Phase

W. St Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

Steamer Essex  
Anchored off Rose Island, Corea.

3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Ptn. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M																
1	Ebb	N.	NW.	4-6			30.18	68	61	60		beg pl	cumulus	5	8	
2	"	"	"	1			30.18	68	61	60		bc	cirrus	5	"	
3		NW	"	3-5			30.20	68	61	60		bcg	cir	9	"	
4	Swinging	"	"	3-5			30.20	68	68	56		"	"	9	"	
5	Flood	S W.	"	3-5			30.20	68	56	54		"	"	9	"	
6		S W x S.	NW	4			30.21	62	56	55		bc	"	9	"	
7	"	"	"	3			30.21	58	56	55		b		10	"	
8	"	"	"	3			30.21	60	56	55		"		10	"	
9	"	"	"	3			30.25	63	58	56		"		10	"	
10	"	"	"	3			30.27	63	60	58		bc	cir	9	"	
11		NW	"	3			30.26	62	59	56		"	"	9	"	
Noon.	Ebb	"	NW	3-5			30.26	68	60	58		bcg	cirrus	8	"	

Distance run by Log since preceding Noon

knots      fathoms.

Latitude by D. R. at Noon

°      '      "

Longitude by D. R. at Noon

°      '      "

Latitude by Observations at Noon ◎

°      '      "

Longitude by Chronometer from Forenoon Observations ◎

°      '      "

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ◎ observed at Sunrise

°      '      "

Variation of the Compass by Azimuth ◎ observed at

°      '      "

Water expended during the preceding 24 hours

330 gallons.

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1540 "

Coal consumed during the preceding 24 hours

tons      300      lbs.

Coal remaining on hand at Noon

82 " 2120 "

P. M.																
1	Ebb	N NW	N NW	3-5			30.25	64	61	59		bcg	cirrus	6	*	
2	"	"	"	3-5			30.22	66	63	61		"	"	6	*	
3	"	"	"	3-5			30.21	67	64	62		"	"	5	*	
4		SW NW	"	3			30.21	66	63	61		bc	"	5	*	
5	Swinging	SW NW	"	3			30.20	67	66	63		"	cirrus	5	*	
6	Flood	SW NW	"	3			30.19	67	64	62		"	strat	7	"	
7		SW x S.	"	3			30.19	66	63	61		"	cir strat	7	"	
8	"	"	"	4			30.19	66	63	61		"	"	9	"	
9	"	"	"	3			30.20	68	61	59		"	"	9	*	
10	"	"	"	3			30.20	64	62	60		"	"	9	*	
11	Swinging	S W.	NW	3			30.20	64	60	58		"	"	9	*	
Mid.	to ebb	N NW	"	3			30.21	63	59	58		"	"	9	*	

Longitude by Chronometer from Afternoon Observations ◎

°      '      "

Longitude by Chronometer from Observations \*

°      '      "

Variation of the Compass by Amplitude      observed at Sunset

°      '      "

Variation of the Compass by      at

°      '      "

under the command of

Commander A. H. M<sup>c</sup> Connick

, U. S. Navy,

Monday. September 24.

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and cool greater part of watch. Violent gust of wind and rain at  $12^{\circ}$  from N.W. lasting 15 minutes without any change in barometer. Ebb tide during watch. Tide running 2 knots at 2. Aneroid steady at 30.30. Moonlight. *Wainwright Keenoy*

COK Lieut

4 to 8 A.M. Clear cool weather. Stiff to gentle breezes from N.W. and N.N.W. Barometer steady. Aneroid 30.42. At 4.00 commenced swinging to flood and finished at  $5^{\circ}$ . Tide 2 knots. At 7.30 crossed royal yards. *T.D. Dunn. Ensign.*

8 A.M. to Meridian. Weather fine. Breeze from N.N.W. to W.N.W. freshish puffs. Barometer steady. Slack water at 10, swung to ebb at 11. Greatest strength of current on flood tide 2 knots, and 1 knot on ebb tide. At  $9^{\circ}$  mustered and inspected at quarters; exercised 1st and 2nd divisions at small arms and 3d and Master's divisions, at pistol drill. After drill exercised the battalion. W<sup>m</sup> Simpson, (C.S.) was released from confinement by order of Comdg Officer. Surgeon M. L. Ruth. left the ship to visit the U.S. Legation at 8 o'clock, professionally, at the request of the Minister. Aneroid bar. 30.44. *Thad Whittier Lieut*

Meridian to 11 P.M. Weather clear and equally. Wind from W.N.W. Barometer steady. Tacked sail at 1.00. Ebb tide running 0.5 knots. Swung to flood tide 3.30 - 11.00. Aneroid, at end of watch 30.04. *Coker Lieut*

4 to 8 P.M. Clear and cool. Moderate breeze from W.N.W. At  $4^{\circ} 45'$  went to quarters and turned in clean hammocks. Slack water at  $4^{\circ} 45'$ . Swung to flood tide at  $5^{\circ}$ . Tide running 0.2 at  $6^{\circ}$ . Aneroid bar 30.36. *W.M. Dunn Master.*

8 P.M. to Midnight. Clear and cool. Gentle breeze from W.N.W. and N.W. Barometer steady. Aneroid 30.38. At  $10^{\circ}$  began swinging to ebb. *T.D. Dunn. Ensign*

Moon. l. nide Examined and found to be correct.

Dec. 17° 38' 52" N.

Phase. last gr.

W. J. Parker  
Lieut & Navigator.

LOG of the UNITED STATES

*Steamer "Eury."*  
*Anchored off Rose Island, Coseas.*

, 3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. at'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M																
1	Ebb	N	NNW	1			30.22	68	60	58		b		10	8	
2		"	"	1			30.22	63	60	58		"		10	"	
3		"	"	1			30.20	63	61	59		b	circum	8	"	
4	Springing	"	"	1			30.20	63	61	59		"	"	8	"	
5	Flood	ESE	S E.	1			30.20	63	61	59		"	"	3	"	
6		S E.	"	2			30.19	62	58	57		"	"	7	"	
7		"	"	3			30.18	62	58	57		"	"	8	"	
8		"	"	3-4			30.18	62	58	57		"	"	7	"	
9		"	SSE	3			30.18	62	61	60		"	"	7	"	
10		"	SS E	3			30.15	64	62	61		"	circum cloudy	4	"	
11		S N.	SW S W.	3			30.14	68	64	63		bcp	"	4	"	
Noon.		W.	"	3-11			30.14	66	65	64		bc	"	6	"	

Distance run by Log since preceding Noon

knots      fathoms.

Latitude by D. R. at Noon

°      "

Longitude by D. R. at Noon

°      "

Latitude by Observations at Noon ☽

°      "

Longitude by Chronometer from Forenoon Observations ☽

°      "

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°      "

Variation of the Compass by Azimuth ☽ observed at

°      "

Water expended during the preceding 24 hours

330      gallons.

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1210      "

Coal consumed during the preceding 24 hours

tons      300      lbs.

Coal remaining on hand at Noon

82      "      1820      "

P. M.																	
1		NW	West	3-5			30.12	67	67	66		bcp	circum	6	"		
2	Ebb	"	NNW	3-5			30.11	67	67	66		"	"	5	"		
3		"	"	3-5			30.10	68	67	66		"	circum	6	"		
4		"	"	3-5			30.10	68	67	66		"	"	7	"		
5		"	WN.	3-5			30.15	69	66	65		"	"	6	"		
6		"	"	3-5			30.17	69	64	55		"	circum stratus	5	"		
7	Springing	flood	W S W.	3-5			30.18	69	64	56		"	"	7	"		
8		"	"	3-4			30.18	69	63	58		"	"	7	"		
9		S S W.	"	3			30.17	66	63	56		bl		10	"		
10		"	NNW	3			30.17	65	62	55		"		10	"		
11		"	"	2			30.17	65	61	54		bc	circum	9	"		
Mid.		"	"	2			30.17	65	60	54		"	"	9	"		

Longitude by Chronometer from Afternoon Observations ☽

°      "

Longitude by Chronometer from Observations \*

°      "

Variation of the Compass by Amplitude      observed at Sunset

°      "

Variation of the Compass by      at

°      "

under the command of Commander A. H. McCormick, U. S. Navy,  
Tuesday, September 25, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather clear and cool. Light airs from N. & N.W. Barometer steady. Riding to ebb tide, strength of current 1.4 knots. Aneroid barometer 30.36.

Karl Ritter, Lieut

11 to 8 A.M. Weather clear and cool. Gentle breeze from S.E. Barometer steady. Swung to flood tide  $4\frac{3}{4}$  to  $5^{\circ}$ . Aneroid barometer at end of watch 30.34. Sent up topgallant masts and topgallant yards at 7.15. Strength of tide 1.6.

Alex. Lieut

8 A.M. to Meridian. Clear and cool greater part of watch. Light passing showers of rain between  $10^{\circ}$  and  $11^{\circ}$ . Moderate breeze from S.S.E. Hauling to W.S.W. Hoisted out sailing launch and at 9<sup>o</sup> landing party was sent ashore and exercised at company drill. Hoisted launch in at  $11\frac{1}{2}$ . By order of Commanding Officer, Jas. H. Stewart, Lieut and Geo. H. Jordan (Lieut) were each given three extra first watches for disobeying orders of Ward room Steward. by same order released C. Dunn, Esq., from confinement and placed Wm. Thomas, Esq., in confinement pursuant to sentence of Sept 24th. Commenced swinging to ebb at  $11^{\circ}$ . Aneroid barometer 30.30.

W. M. Finn Master

Meridian to 11 P.M. Clear and pleasant. Blowing a strong breeze from W to W.W. Wind and tide wdo. At 12.05 finished swinging to ebb. At 3.45 tide running 1.5 knots. Aneroid 30.25.

W. M. Finn Lieut

11 to 8 P.M. Clear and cool. Wind blowing in gentle to stiff squalls from N.W. Barometer rising. Aneroid 30.30. Riding to wind until 6.45 when began to swing to flood, - finished at 7.30. At sunset sent down topgallant yards.

F. D. Dunn, Ensign

8 P.M. to Midnight, Weather clear and cool. Light breeze from N. and N.W. Barometer steady. Flood tide running 1.8 knots. Aneroid barometer at end of watch 30.32.

Alex. Lieut

Moon mid Examined and found to be correct.  
Dec 15° 24' 55" N  
Phase, Last quarter.

W. J. Parker  
Capt, Navigator.

## LOG of the UNITED STATES

*Steamer Essex*  
Anchored off Rose Island, Conca.

, 3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prcp. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M																
1	Swinging to N.W. & N		N.N.W.	3			30.18	63 09 53				b0	cir	8	8	
2	bb		N & N.W.	-	3		30.18	63 08 57				"	"	9	"	
3			"	-	2		30.17	63 08 50				"	"	8	"	
4			"	-	2		30.17	62 08 50				"	"	9	"	
5			"	N.W.	1		30.20	62 08 50				"	cir strab	8	"	
6			"	"	1		30.20	62 07 49				"	"	8	"	
7	Swinging to N.W.		"	-	1		30.22	64 07 49				"	"	8	"	
8	flood		W.S.W.	-	1		30.22	61 08 57				"	"	8	"	
9			"	W.W.W.	1		30.23	63 61 52				"	"	8	"	
10	S.S.W.		"	-	1		30.24	65 63 54				"	cir	9	"	
11			"	"	1		30.22	65 65 56				"	"	9	"	
Noon.			"	"	1		30.20	65 65 56				"	"	9	"	

Distance run by Log since preceding Noon

knots      fathoms.

Latitude by D. R. at Noon

°      '      "

Longitude by D. R. at Noon

°      '      "

Latitude by Observations at Noon ☽

°      '      "

Longitude by Chronometer from Forenoon Observations ☽

°      '      "

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise      "      "

Variation of the Compass by Azimuth ☽ observed at      "      "

Water expended during the preceding 24 hours      300      gallons.

Water      during the preceding 24 hours      "

Water remaining on hand fit for use at Noon      910      "

Coal consumed during the preceding 24 hours      tons 300      lbs.

Coal remaining on hand at Noon      82 " 1520 "

P. M.																	
1	Swinging	W & S	N.W.	3-5			30.15	65 65 56				bog	circum	6	"		
2	bb	N.W. & N.	"	3-5			30.15	65 65 56				"	"	7	"		
3		N & N.W.	"	3-4			30.15	65 65 56				"	"	7	"		
4		N.	N.N.W.	3-11			30.15	67 65 56				"	"	6	"		
5		"	"	3			30.18	67 64 55				bc	"	7	"		
6		"	"	2			30.19	67 64 55				"	"	7	"		
7		"	"	2			30.19	66 62 54				"	"	9	"		
8	flood	W & N.	"	2			30.20	67 62 53				"	"	9	"		
9		S & W.	N.W.	1			30.20	68 63 56				"	cir	9	"		
10		"	"	1			30.20	68 63 56				"	"	9	"		
11		"	"	1			30.20	67 62 55				b	"	10	"		
Mid.		"	"	1			30.20	67 62 55				"	"	10	"		

Longitude by Chronometer from Afternoon Observations ☽

°      '      "

Longitude by Chronometer from Observations \*

°      '      "

Variation of the Compass by Amplitude      observed at Sunset

°      '      "

Variation of the Compass by      at

°      '      "

under the command of

Commander A. H. M<sup>c</sup> Cormick

, U. S. Navy,

Wednesday. September 26<sup>th</sup> , 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and cool. Light breeze from N & W. Swung to the ebb at 12° to 1°. Greatest strength 2.3. Aneroid barometer 30.32.

W. M. Dunn Master

4 to 8 A.M. Clear delightful weather. Light breeze from N.W. Slackwater at 7°. Broke out hold, Aneroid 30.38. At 7 crossed t'gall & royal yards

Wainman de Reedy Lieut

8 A.M to Meridian. Clear pleasant weather. Light airs from N & W. Barometer steady. Aneroid 30.34. Riding to flood, all the watch, surface current 1.6 knots. At 9° inspected at quarters. At 6° a Japanese steamer came in and anchored. Condemned land thrown overboard by order of Commanding Officer (6<sup>th</sup>) six and one-half lbs. of preserved beef. Comdr. Cotton left the ship to take passage on board steamer for Nagasaki.

W. M. Dunn Ensign

Meridian to 4 P.M. Weather pleasant. Breeze quite to fresh in squalls from NW. Barometer steady. The Japanese steamer "Chitose Maru" went to sea. Restored the hold. Aneroid barometer 30.31. Swung to ebb tide at 2; strength of current. 1.12 knots.

Wainman de Reedy Lieut

4 to 8 P.M. Weather clear, and cool. Gentle breeze from N & W. Barometer steady. Mustered at quarters, at 4.45. Sent down topgallant, and royal yards at 5°. The Japanese man of war "Banjo" from Nagasaki came in and anchored at 6°. Ebb tide running 1.8 knots. Began swinging to the flood at 7.15. Aneroid, end of watch 30.35.

E. H. Parker Lieut

8 P.M to Midnight. Clear and pleasant. Light airs from N.W. Finished swinging to flood, at 8.40. Tide running 2.14. Aneroid 30.35.

Wainman de Reedy Lieut

Moon low Examined and found to be correct.

Dec. 12° 27' 57" N

Phase. Last quarter

W. S. Parker  
Lieut, Navigator.

LOG of the UNITED STATES

*Steamer Essex*  
Anchored off Rose Island. Corea.

3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Flood	S	N W.		1		30.20	65 62 00				b		10	8	
2			E S E		1		30.20	65 61 54				"		10	+	
3	Swinging	E.					30.20	64 61 54				"		10	"	
4	Ebb	N E.	E.	2			30.20	63 59 54				b c g	circum	8	"	
5		N N E.	E S E	2.5			30.20	62 59 54				"	circum	7	"	
6			S S E	2.5			30.20	62 58 58				"	strat	11	"	
7				2.5			30.22	62 57 58				b c g p	cirrus	5	"	
8	Swinging to flood	E	E S E	2.4			30.25	63 59 56				b c g	circum	6	"	
9		S.	S S E	2			30.28	63 61 57				b c	strat	6	"	
10				2			30.28	64 63 59				"	"	7	"	
11				2			30.28	68 68 60				"	circum	8	"	
Noon.		S S W.	S + W.	1			30.25	66 66 60				"	"	7	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

310      gallons.

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

600      "

Coal consumed during the preceding 24 hours

tons 300      lbs.

Coal remaining on hand at Noon      82 " 98 20 "

P. M.																
1	Flood	S S W.	S S W.	1			30.23	68 67 61				b c	circum	7	"	
2							30.21	69 69 62				"	"	8	"	
3	Swinging	W	W S W.	1			30.21	69 69 62				"	"	8	"	
4		N + W		1			30.20	69 69 62				"	strat	5	"	
5		"		1			30.19	69 69 62				"	"	5	"	
6		N	S S W.	1			30.18	69 68 61				"	strat	6	"	
7		"	W	1			30.19	68 68 61				b c l	"	7	"	
8	Swinging	"		1			30.20	69 68 61				"	"	8	"	
9	Flood	S E	E S E	1			30.21	69 66 60				"	strat	6	"	
10		S		2			30.27	68 66 60				"	"	6	"	
11		"	"	2			30.25	66 64 60				"	strat	5	"	
Mid.		"	"	3			30.24	66 63 60				b c	"	5	"	

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. M<sup>o</sup> Connick

, U. S. Navy,

Thursday. September 27.

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences, and until 4 A.M. Clear cool, and dry weather. Light airs and breezes from N.W. and East. Barometer steady. Aneroid 30.38. At 2.15 began swinging to ebb, and finished at 3.50.

4 to 8 A.M. Weather pleasant but cool. Light passing showers of rain in third hour of watch. Breeze fresh in squalls from ESE to SSE. Barometer steady. Slack water at 7.30 and swinging to flood at 8. Strength of current on ebb tide 1.8 knots. Crossed topgallant and royal yards. Aneroid barometer 30.40. The Captain, P. A. Paymaster L. C. Volke, and 1<sup>st</sup> Lieut. O. G. Berryman left the ship to visit Seoul, and to return on the 2<sup>d</sup> proximo.

8 A.M. to Meridian. Weather clear and pleasant. Gentle breeze from SSE. Barometer steady. Mustered, at quarters, at 9.30 and exercised 1<sup>st</sup> div. at howitzer, 2d div. at small arms. 3d div. at casting. Powder div. at passing powder and Marine guard, at small arms, and howitzer. Exercised at firequarters at 10.00. Ridding to flood tide. Strength of tide 1.8 knots. Aneroid at end of watch 30.38.

Meridian to 11 P.M. Clear, and warm. Light breeze from SSW to WSW. Commenced swinging to ebb tide at 2.30, got around at 4<sup>oo</sup>, tide running 1.2 knots at 3.50. Commanding Officer of Japanese gunboat visited the ship officially. Aneroid barometer 30.32.

11 to 8 P.M. Clear and pleasant. Light variable breeze from Sd and Wd. At 4<sup>45</sup> mustered, at quarters. At 5<sup>45</sup> send down topgallant and royal yards. Ebb tide during watch. Tide running 2 knots at 6. Lightning to Sd and Wd. Aneroid 30.34.

8 P.M. to Meridian. Weather clear and pleasant. Light breeze from ESE. Barometer steady. Slack water at 8.30. Swung to flood tide at 9.00; strength of current at 11.00, 0 knots. Lightning to Sd and Wd. Aneroid barometer 30.36.

Hail Robert Leut

Moon mid Examined and found to be correct.

Dec 8° 59' 43" N.

Phase, Last quarter

W. A. Parker  
Lieut & Navigator.

## LOG of the UNITED STATES

*Steamer Essex*, 3d Rate, 6 Guns,  
Anchored off Rose Island, Korea.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Flood	S	S E	3			30.52	66	63	61		bc	circum	7	S	
2	"	"	"	3			30.51	66	62	60		"	"	6	"	
3	"	S E	"	3			30.51	66	62	60		"	semimbr	11	"	
4	Springing to ebb	ESE	"	2			30.58	66	61	59		"	"	6	"	
5	Ebb	NNE.	ESE	2			30.59	65	62	59		"	cirrostrat	6	"	
6	"	"	"	2			30.59	64	62	59		"	"	7	"	
7	"	N E	N E	1			30.59	64	61	58		"	"	8	"	
8	"	"	"	1			30.59	64	61	58		"	"	8	"	
9	Springing to NE N.	S E	S E	2			30.58	66	64	60		bc	circum	9	"	
10	flood	S	"	2			30.59	66	66	62		"	"	8	"	
11	"	"	"	2			30.59	66	67	63		"	"	7	"	
Noon.	"	"	"	2			30.59	67	68	62		"	"	7	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

3110 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

260 "

"

Coal consumed during the preceding 24 hours

tons 1700 lbs.

Coal remaining on hand at Noon

81 " 1760 "

"

P. M.																	
1	Flood	S	S x N.	1			30.58	68	69	63		bc	cirrus	6	"		
2	"	"	"	1			30.56	69	70	64		"	"	6	"		
3	"	"	"	1			30.56	70	71	64		"	"	8	"		
4	Springing	"	"	1			30.56	70	71	64		"	"	8	"		
5	Ebb	N.	"	1			30.55	72	72	66		"	"	7	"		
6	"	"	"	1			30.56	70	71	66		"	cirrostrat	7	"		
7	"	"	Balw	0			30.55	70	71	66		"	"	8	"		
8	"	"	"	0			30.54	70	71	66		bc	cir	7	"		
9	"	"	"	0			30.56	67	69	66		"	"	8	"		
10	Springing	N.	ESE	1			30.56	66	68	65		"	"	9	"		
11	to Flood	S	Balw	0			30.56	68	69	63		"	"	9	"		
Mid.	"	"	ESE	1			30.56	68	66	63		"	"	9	"		

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. M<sup>c</sup> Cormick

, U. S. Navy,

Friday, September 28.

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Weather partly cloudy and pleasant. Gentle breeze from S.E. Barometer falling. Lightning throughout watch. Flood tide running 1.9 knots. Commenced swinging to ebb at 3.40 A.M. ebb at end of watch 3o. 34.

11 to 8 A.M. Clear and cool. Light breeze from E.S.E. hauling to N.E. by E. Got around to the ebb tide at 4<sup>1</sup>/<sub>2</sub>; greatest strength of tide 1.25 knots. At 7<sup>3</sup>/<sub>4</sub> crossed topgallant yards. Aneroid barometer 3o. 43.

8 A.M. to Meridian. Clear delightful weather. Light breeze from S.E. At 9<sup>3</sup>/<sub>4</sub> cleared ship for action and afterwards went to general quarters. Slack water at 8. and at 9. finished swinging to flood. Tide running 1.4 at 11<sup>3</sup>/<sub>4</sub>. Aneroid 3o. 42. Commenced distilling at 11.40.

Meridian to 11 P.M. Clear dry and pleasant weather. Light airs from S by W. Barometer steady. Aneroid 3o. 34. Riding to flood all the watch. Tide 2 knots. Distilling.

11 to 8 P.M. Clear and pleasant weather. Light airs from S by N. first part of watch, calm in latter part. Swinging to flood at 5<sup>1</sup>/<sub>2</sub>, strength of current 2 knots. Distilling. Aneroid barometer 3o. 37.

8 P.M. to Midnight. Clear and calm. Bright starlight. Swinging to flood 9<sup>1</sup>/<sub>2</sub> to 10<sup>1</sup>/<sub>2</sub>. Greatest strength of tide 1.8 knots. Aneroid barometer 3o. 40. Surgeon M. L. Ruth returned from Seoul.

W.W. Smith Master

Moonloid Examined and found to be correct.

Dec 5° 11' 07" N

Phase. Last quarter

W. A. Parker  
Lieut. 8 Navigator.

## LOG of the UNITED STATES

*Steamer "Essex"*, 3d Rate, 6 Guns,  
Anchored off Rose Island. Corva.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sea the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Flood	S.	E.	1		30.29	66	65	63			bcd	cumulonimbus	7	8	
2	"	"	"	1		30.29	65	65	62			"	"	7	"	
3	"	"	"	1		30.28	65	64	61			"	"	8	"	
4	Swinging	"	SE.	2		30.27	64	64	61			"	"	8	"	
5	ebb	NNW.	"	1		30.27	64	64	61			bc	cirrus	8	"	
6	"	N $\times$ E	"	1		30.28	65	64	61			"	"	6	"	
7	"	"	"	2		30.28	63	63	61			"	"	6	"	
8	"	N.	E.	1		30.27	63	63	61			"	"	4	"	
9	"	N $\times$ E.	"	1		30.27	65	64	62			"	"	4	"	
10	Swinging	"	SE.	1		30.27	65	64	62			"	"	4	"	
11	Flood	S.	SE.	1		30.25	66	67	64			"	"	2	"	
Noon.	"	"	"	2		30.22	67	67	64			"	"	2	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

330

gallons.

Water distilled      during the preceding 24 hours

2940

"

Water remaining on hand fit for use at Noon

2870

"

Coal consumed during the preceding 24 hours

2 tons

1020 lbs.

Coal remaining on hand at Noon

79 "

740 "

P. M.																
1	Flood	S $\times$ W	S	2		30.24	68	69	64			bc	cumulus	2	8	
2	"	"	"	2		30.23	69	70	64			"	"	0	"	
3	"	"	"	2		30.21	70	70	64			"	"	0	"	
4	"	"	"	2		30.21	70	70	64			"	"	0	"	
5	"	"	"	1		30.20	70	69	65			"	"	14	"	
6	ebb	N $\times$ W.	"	1		30.20	70	70	65			"	"	2	"	
7	"	"	"	3		30.20	70	71	66			bal	cumulus	1	"	
8	"	"	"	2		30.20	71	71	66			"	"	1	"	
9	"	N.	"	1		30.20	71	70	66			"	"	0	"	
10	"	N $\times$ E	SE	2		30.20	67	68	66			"	"	14	"	
11	Flood	S	"	2		30.20	67	67	64			"	"	1	"	
Mid.	"	"	"	1		30.20	67	67	65			"	"	1	"	

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by

at

°

"

under the command of

Commander A. H. M<sup>o</sup> Comstock, U. S. Navy,  
Saturday, September 29, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 11 A.M. Clear and cool. Light airs from N<sup>E</sup> and E<sup>N</sup>E.  
Heavy dew. Flood tide; tide running 2.2. Aneroid 30.40. Distilling.

Waining-de-Keeoy <sup>on</sup> Lieut  
11 to 8 A.M. Cloudy and hazy. Light airs, and breezes from ENE. Barometer  
steady. Aneroid 30.44. At 11.15 began to swing to ebb and finished at 5.10.  
Strength of current 2.2 knots. At 7.45 exchanged numbers with U.S.S. "Monocacy"  
Frigate. Cruiser  
8 A.M. to Meridian. Weather clear and pleasant. Light breeze from S to  
SSE. Barometer falling. Swing to flood at 10<sup>30</sup>. Strength of current 2 knots.  
At 9<sup>30</sup> mustered crew at quarters. The U.S.S. "Monocacy" came in and anchored.  
at 9<sup>30</sup>, transferred to "Monocacy" the set of surveying instruments and  
material which we received from her upon our arrival at this port, and re-  
ceived on board from her four boxes of tubes and two iron boat davits. An English  
steamer came into the harbor and anchored. Aneroid barometer 30.39. Sent Captain  
H. C. Dunn, U.S.N. to Seoul with a communication for the Captain. At 11<sup>20</sup> made  
signal, Set two gatons No 6183, and "Monocacy" answered No. 904. Unmoored ship  
and hoisted starboard anchor.

Had Ahn, Lieut  
Meridian to 1 P.M. Pleasant. Slightly hazy. Light breeze from South.  
Received an official visit from Comdg Officer of "Monocacy". Comdg Officer  
paid an official visit to Japanese gunboat "Banso". Drove in on pilot chain  
to 45 fathoms. At 1. made signal 6103. "Monocacy" answered 904. Called all  
hands, unbent topsails and fore sail, bent mizzen and main trysail and fore  
top't staysail. Shifted shot anchor to fore hold. Flood tide during watch. Tide at 3.  
running 2 knots. Aneroid 30.32.

Waining-de-Keeoy <sup>on</sup> Lieut

11 to 6 P.M. Pleasant weather. Light southerly airs. Went to quarters at 4<sup>45</sup>.  
At 5<sup>00</sup> made set signal 6143. "Monocacy" answered 904. Bent down topgallant  
yards and bent light sails. Swung to ebb tide 4<sup>00</sup> to 5<sup>00</sup>. Tide running 1.8 knots  
at 5<sup>00</sup>. Aneroid barometer 30.30.

W. M. Comstock Master

6 to 8 P.M. Slightly hazy. Pleasant. Cloudy. Light breeze from South.  
Swinging to ebb. Aneroid 30.31. Lightning to West<sup>0</sup>.

Waining-de-Keeoy <sup>on</sup> Lieut

8 P.M. to Midnight. Weather pleasant. Light breeze from S to SE.  
Barometer steady. Slack water at 10<sup>30</sup>. Swing to flood at 11<sup>00</sup>. Strength  
of current on ebb tide 0 knots, and on flood tide 1 knot. Aneroid bar 30.31.

Had Ahn, Lieut

Moon limb Examined and found to be correct.

Dec 1° 15' 47" W.

Phase, Last quarter.

W. M. Parker  
Lieut <sup>3</sup> Navigator.

LOG of the UNITED STATES

Steamer "EISSEN"  
Anchored off Poze Island, Corea.

, 3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Flood	88°	N.	3-5			30.19	64 67 65				bog	circum	1	8	
2	"	"	"	3-5			30.16	64 66 61				ocq	annulus	0	"	
3	"	"	"	2-4			30.14	64 65 63				"	"	0	"	
4				SS.E.	2-4		30.12	64 65 63				ocq	"	0	"	
5	Swinging	"	E.	"	2-4		30.10	66 66 61				bog	"	1	"	
6	Cab	88	"	"	3		30.12	66 65 65				be	cumulus	2	"	
7	"	"	N.E.	"	1		30.15	66 65 64				"	circum	11	"	
8	"	"	"	"	1		30.18	66 65 64				"	"	5	"	
9				N.E.	"		30.16	67 65 63				"	"	6	"	
10	Swinging	"	N.N.E.	"	1		30.17	69 66 64				"	circum	7	"	
11	Flood	8	N.W.	"	1		30.17	69 66 61				"	"	6	"	
Noon.		88°	"	"	1		30.10	69 66 64				"	"	7	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☺

°

"

Longitude by Chronometer from Forenoon Observations ☺

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ☺ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☺ observed at

°

"

Water expended during the preceding 24 hours

gallons.

330

Water                          during the preceding 24 hours

"

"

Water remaining on hand fit for use at Noon

2540

"

Coal consumed during the preceding 24 hours

tons .300

lbs.

Coal remaining on hand at Noon

79 "

440

"

P. M.																
1	Flood	SW.S.	W.N.W.	2-4			30.10	69 68 64				bog	circum	11	"	
2		88°	W.S.W.	2-4			30.08	70 69 65				"	"	8	"	
3	"	"	"	2-3			30.08	70 71 67				"	"	3	"	
4		"	"	2-4			30.06	70 71 67				"	"	5	"	
5	Swinging	W.S.S.	N.N.W.	3-5			30.09	70 70 60				"	"	7	"	
6	Cab	N.	N.	3-5			30.09	70 67 62				"	circum	7	"	
7	"	"	8-5				30.09	68 65 58				"	circum	9	"	
8	"	"	2-4				30.10	67 64 58				"	"	9	"	
9	"		N.N.E.	3			30.10	67 64 58				be	"	9	"	
10	Swinging	"	"	3-5			30.10	67 63 57				bog	"	9	"	
11	88°	N.W.	"	3-5			30.12	66 61 56				"	"	9	"	
Mid.		"	"	3-6			30.12	65 60 56				"	"	9	"	

Longitude by Chronometer from Afternoon Observations ☺

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. W<sup>o</sup> McCormick, U. S. Navy,  
Sunday, September 30, 1853

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy. Rainy first three hours of watch, clearing last hour. Swinging to flood, current 2 knots. Aneroid 30.28. *Wainwright-Keeler*

11 to 8 A.M. Cloudy and cool. Moderate breeze from SSW. Hauling to NNE and moderating. At 8<sup>00</sup> commenced swinging to the ebb, getting ahead at 8<sup>50</sup>. At 9<sup>00</sup> "Monocacy" made dress signal "All Blue". At 10<sup>00</sup> made signal (Int) 6069. "Monocacy" answered 9044. Broke light yards and bent the gaffs. Aneroid barometer 30.30. *W. M. Dinn*

8 A.M. to Meridian. Weather partly cloudy and pleasant. Light variable airs. Barometer steady. At 9<sup>00</sup> made signal numeral 5. Mustered at quarters at 9.15. At 10<sup>00</sup> made equal numeral 1. At 10<sup>15</sup> called all hands up anchor; found anchor clear, and veered away to 45 fathoms at capstan. At 10<sup>45</sup> commenced swinging to flood tide. At 11<sup>15</sup> finished swinging. Aneroid at end of watch 30.29. By order of Coding Officer released W<sup>m</sup> Thomas (cox) from confinement. *Master*

Meridian to 11 P.M. Clear and pleasant. Moderate breeze from SSW. Swinging to flood tide, strength of current 2.4 knots. Aneroid 30.28. *Cox Lieut*

4 to 6 P.M. Weather clear and pleasant. Gentle breeze from SSW. Barometer rising. Hoisted smokestack, and made preparations for sea. Aneroid at end of watch 30.28. *Lieut*

6 to 8 P.M. Clear and cool. Moderate breeze from North. Barometer steady. Aneroid barometer 30.28. Riding to ebb tide; greatest strength 2.1 knots. *W. M. Dinn Master*

8 P.M. to Midnight. Clear and cool. Moderate breeze from NNE. Slack water at 11.15 and at 11<sup>45</sup> finished swinging to flood. Com'dr A. H. McCormick. Paymaster York returned from leave. Tide at 9<sup>00</sup> running 2 knots. Aneroid 30.30. *Wainwright-Keeler*

*Lieut*

Moon mid  
Dec. 2<sup>nd</sup> 45' 39" S  
Phase. Last Quarter  
Examined and found to be correct.

W. H. Parker  
Lieut 3 Navigator.

LOG of the UNITED STATES

Steamer "Essex"

, 3d Rate, 6 Guns,

Anchored off Poze Island, Korea.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the soil the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Flood	88°N.	N 10° E.	S 10° W.	3-5		30.11	64.59	55			bog	air	9	8	
2	"	"	"	"	3		30.12	60.59	55			bc	,	9	"	
3	"	"	"	"	2		30.00	60.59	55			"	,	9	"	
4	Springing	South	N.	S 10° W.	2-4		30.00	62.58	54			bog	"	9	"	
5	Ebb	N 10° E.	"	"	2-4		30.10	61.58	55			"	,	9	"	
6	"	"	"	"	2-4		30.12	61.56	52			"	,	9	"	
7	"	"	"	"	3		30.13	61.58	52			bc	,	9	"	
8	"	"	"	"	3		30.16	62.53	52			"	,	9	"	
9	Steaming down	"	"	"	1		30.19	60.69	56	70		"	"	9	"	
10	8 4	"	"	"	1		30.20	63.61	57	70		"	"	9	"	
11	8 2	"	"	W N W	1		30.20	63.63	58	70		"	"	9	"	
Noon.	7 8	"	"	"	1		30.19	63.64	60	70		"	"	9	"	

Distance run by Log since preceding Noon

24 knots 4 fathoms.

Latitude by D. R. at Noon 60° Beams

37° 05' " 20

Longitude by D. R. at Noon "

126° 12' " E

Latitude by Observations at Noon 0

" " "

Longitude by Chronometer from Forenoon Observations 0

" " "

Current during the time knots fms. per hour, setting to the

10/10

Variation of the Compass by Amplitude 0 observed at Sunrise

" " "

Variation of the Compass by Azimuth 0 observed at

" " "

Water expended during the preceding 24 hours

340 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2200 "

Coal consumed during the preceding 24 hours

6 tons 360 lbs.

Coal remaining on hand at Noon

73 " 80 "

P. M.																
1	8 2	1	ew	West	1		30.15	65.66	60	70	bc	air	9	"		
2	8 4	1	80 1/2 91 1/2	N 10° W.	2		30.13	66.68	61	70	"	"	9	"		
3	2 3	1	6 x 91 1/2	"	3		30.12	67.66	57	70	"	"	9	"		
4	2 1	1	6 1/2 91	"	3		30.11	66.65	57	70	"	"	9	"		
5	2 6	1	8 8 91 1/2 91	"	3		30.10	66.64	57	68	"	"	9	"		
6	4 0	1	8 10 1/2 8	"	3		30.10	66.64	57	68	"	"	9	"		
7	4 4	1	8 10 1/2 8	"	4		30.10	66.64	57	68	"	"	9	"		
8	4 0	1	8 10 1/2 8	"	3		30.10	66.64	57	68	"	"	9	"		
9	9 0	1	8 10 1/2 8	"	3		30.10	66.64	57	68	"	"	9	"		
10	9 0	1	"	"	3		30.10	66.64	57	68	"	"	9	"		
11	8 0	1	"	"	3		30.10	66.63	56	68	"	"	9	"		
Mid.	8 2	1	"	"	3		30.10	66.63	56	68	"	"	9	"		
8	8 2	1	"	"	3		30.10	66.63	56	68	"	"	9	"		
9	7 0	1	88 91	"	3		30.15	67.64	58	68	"	"	9	"		
10	8 6	1	"	"	3		30.18	66.64	58	68	"	"	9	"		
11	8 7	1	"	"	2		30.19	66.65	59	68	"	air & strat	7	"		
Mid.	8 8	1	"	N N W.	2		30.19	65.65	58	68	"	"	7	"		

Longitude by Chronometer from Afternoon Observations 0

" " "

Longitude by Chronometer from Observations \*

" " "

Variation of the Compass by Amplitude 0 observed at Sunset

" " "

Variation of the Compass by at

" " "

Set all fore sail

Set fore sail, topsail  
and 3/4 sail. Cauled  
down flying jib

under the command of

Commander A. H. McCormick

, U. S. Navy,

Monday. October 1st

, 1883.

Comm.  
fish fro  
8 knots.

11 to 8. A  
ometer,  
at capes  
3357. A  
hands up

8 AM  
Smooth  
steamer  
"Monoc  
signal  
compt  
Antra

Mer  
ning o  
sea at  
course  
to SSW  
SW 45°.

11 to 6.  
sight on  
and stop  
quarte  
end of N

Aneroid barometer 30.26.

268 S. "Essex." 3d rate.

Off Rose Island, Korea.

30. September. 1883.

Commander.

A. H. McCormick, U. S. C.

Commanding.

Sir:

We respectfully recommend that  
Robert E. Hwy. (82d) be rated to Ordinary  
Seaman.

Very respectfully.

Wm. W. McLean, Lieut

Harold John, Lieut } Examining Board  
D. R. Ross, Lieut }

Approved from Oct 1, 1883

A. H. McCormick

Commander in Command

ze light to  
current

R. Lieut  
th. Par-  
ty fathoms  
ad signal  
all

The Lieut  
to NW.  
in four bells  
At 8°  
and made  
as an ac-  
lvs. Revs 51

Master  
at begin-  
10°. Smooth  
3° changed  
SSW. At 2°  
S. At 3° to  
bow abeam.

Lieut  
ea. Land in  
hauled down  
estered at  
E. northern  
67.9 miles.

7 Harol John, Lieut  
6 to 8. PM. Weather clear and pleasant. Gentle breeze from SW. Smooth sea. Bar-  
ometer steady. Under steam and sail. Course S 75° E. Pressure 48 lbs. Revolutions 63.  
Aneroid, at end of watch 30.30.

8 PM to Midnight. Clear and pleasant. Bright starlight. Gentle breeze from  
NW to NNW. Steam 49 lbs. Revs 49. Aneroid barometer 30.30. Pat. log at end of  
watch 135. At 8° changed course to SSW. pat. log registering 101.8 knots.

W. W. McLean Master

Moon lunid Examined and found to be correct.

Dec 6° 23' 55" S'

Phase: new moon

W. H. Parker  
Lieut Navigator.



under the co.

S. Navy,

Commences and until 11 A.M. Weather clear and pleasant. Breeze light to fresh from N.W. Barometer falling. Riding to flood tide, strength of current 2 knots. Aneroid barometer.

11 to 8. A.M. Weather clear and pleasant. Gentle breeze from North. Barometer steady. Started fires under six boilers, at 4<sup>30</sup>. Came to thirty fathoms at capstan at 6<sup>45</sup>. Swung to ebb tide at 5°.-5<sup>30</sup>. At 7<sup>00</sup> the "Monocacy" made signal 3357. At 7<sup>45</sup> made signal (Int.) 4890. The "Monocacy" answered 9044. Called all hands up anchor at 8<sup>30</sup>. Aneroid at end of watch 30.33.

8 A.M. to Meridian. Clear and pleasant. Light breeze from N.W. to N.N.W. Smooth sea. At 8<sup>00</sup> started ahead under one bell, and at 8<sup>20</sup> under four bells steaming down Salie River under direction of Commanding Officer. At 8<sup>00</sup> "Monocacy" made telegraphic signal 7250 and 0661; answered and made signal with International Code "Farewell". Dispersed with quarters an account of getting underway and preparing for sea. Steam 53 lbs. Revs 51. Aneroid barometer 30.32. Ship's draft 13<sup>ft</sup> fore & 15<sup>ft</sup> 6<sup>in</sup> aft.

W.W. Kimball Master  
Meridian to 11 P.M. Clear delightful weather. Light breeze at beginning of watch, gradually freshening to moderate breeze from N.W. Smooth sea at 12<sup>30</sup>. N.W. end of Briton Island (North) bear abeam. At 12<sup>30</sup> changed course to SSW 1/2 W. at 1<sup>30</sup> to S by N 1/4 W. at 1<sup>45</sup> to S by N 1/4 W. at 208 to SSW. at 2<sup>30</sup> to SSW 3/4 W. At 3<sup>30</sup> set all fore and aft sails. At 3<sup>45</sup> changed course to SW 1/2 S. At 3<sup>45</sup> to SW 1/4 S. Steaming under six boilers. Aneroid 30.26. At 3<sup>00</sup> Middle Nyong Island bear abeam.

W.W. Kimball Lieut  
1 to 6. P.M. Weather clear and pleasant. Gentle breeze from N.W. Smooth sea. Pandied sight on both beams, and quarters. Set fore sail, topsails, and topgallant sails and hauled down and stowed flying jib. Under steam 45 lbs pressure and 48 revolutions. Mustered at quarters at 4<sup>45</sup>. At 4<sup>45</sup> took departure. Outer Nyong Isd bearing 'pc' S E by E. northern end of Nyong Isd. C 1 E 3/4 E. Ship's head S by S. Put over pat. log showing 67.9 miles. Aneroid barometer 30.26.

7 to 8. P.M. Weather clear and pleasant. Gentle breeze from S.W. Smooth sea. Barometer steady. Under steam and sail. Course S by S. Pressure 48 lbs. Revolutions 52. Aneroid at end of watch 30.30.

8 P.M. to Midnight. Clear and pleasant. Bright starlight. Gentle breeze from N.W. to N.N.W. Steam 49 lbs. Revs 49. Aneroid barometer 30.30. Pat. log at end of watch 135. At 8<sup>30</sup> changed course to SSW. pat. log registering 101.8 knots.

W.W. Kimball Master

Moon lunid Examined and found to be correct.

Dec 6° 23' 55" S'

Phase: new Moon

W. H. Parker  
Lieut Navigator.

LOG of the UNITED STATES

Steamer "Essex", 3d Rate, 6 Guns,  
Making passage from Poze S. Korea to Nagasaki, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	9 0	88°N	NNE	2			30.17	66	66	60	68	b	circum	8	8	Reeal to topgallant sail
2	10 0	"	"	2			30.18	66	66	60	68	"	"	8	"	except m trygallant sail
3	9 0	"	"	2			30.14	66	66	60	68	"	"	8	"	
4	8 4	"	"	2			30.14	66	66	60	68	"	-	8	"	
35° 60'																
E	5	8 8	"	ESE	2		30.12	65	65	60	68	"	cir	8	"	Sail in square sail set fore and aft sail
128° 19'	6	6 8	88°N	"	2		30.16	66	66	60	70	"	"	8	"	
7	6 0	"	"	East	2		30.16	66	66	60	70	"	"	8	"	
34° 32'	8	5 0	88 1/2 N	"	2		30.20	66	66	61	70	"	"	8	"	
128° 15'	9	4 2	88 1/2 N	ESE	2		30.20	66	65	61	68	"	circum	9	"	
10	9 0	"	"	"	2		30.21	66	65	61	68	"	cir	8	"	
11	9 4	"	"	"	2		30.22	66	65	61	68	"	"	9	"	
Noon.	9 2	"	"	"	2		30.22	66	64	62	68	"	"	9	"	

Distance run by Log since preceding Noon

208 knots 9 fathoms.

Latitude by D. R. at Noon 0° 20' Bearings

34° 32' N

Longitude by D. R. at Noon "

128° 15' E

Latitude by Observations at Noon 0

"

Longitude by Chronometer from Forenoon Observations 0

"

Current during the time knots fms. per hour, setting to the

"

Variation of the Compass by Amplitude 0 observed at Sunrise

"

Variation of the Compass by Azimuth 0 observed at

"

Water expended during the preceding 24 hours

330 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1870 "

Coal consumed during the preceding 24 hours

17 tons 520 lbs.

Coal remaining on hand at Noon

55 " 1800 "

P. M.																	
1	6 2	88 1/4 E	NE	NNE	3		30.20	67	66	62	70	b	cir	9	8		
2	9 2	"	ESE	ESE	2		30.19	68	68	63	70	"	circum	8	"		
3	9 2	"	"	"	2		30.18	70	68	63	70	"	"	8	"		
4	6 2	88 1/4 N	E	E	2		30.18	70	69	64	70	"	"	8	"		
5	7 0	88 1/4 N	"	"	2		30.16	71	69	64	70	"	circum	8	"		
6	9 4	"	"	"	2		30.15	71	69	64	70	"	"	7	"		
7	9 0	"	ESE	ESE	2		30.14	71	70	65	70	"	cir	9	"		
8	9 0	"	"	"	2		30.13	71	70	65	70	b	"	10	"		
128° 56'	9	6 0	88 1/4 N	"	2		30.13	70	69	63	70	b	cir	9	"		
10	9 0	"	"	"	2		30.12	69	69	64	70	"	"	9	"		
11	8 8	"	"	"	2		30.12	69	69	65	70	"	circum	8	"		
Mid.	9 0	"	"	"	2		30.11	69	70	66	70	"	"	7	"		

Longitude by Chronometer from Afternoon Observations 0

"

Longitude by Chronometer from Observations \*

"

Variation of the Compass by Amplitude 0 observed at Sunset

"

Variation of the Compass by at

"

under the command of

Commander A. H. McCormick

, U. S. Navy,

Tuesday. October 2d

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear, and pleasant. Moderate breeze from N.N.W. Smooth sea. At 12<sup>00</sup> took in main topsail, and spanker. Pat log at end of watch read miles. Aneroid 30.30. Av. steam 50. Revs 48. Course S.S.W. Steam and sail.

Waining the Recovery Lieut

11 to 8 A.M. Weather clear, and pleasant. Light breeze from E by S to E. Barometer steady. Cirrus clouds. Smooth sea. Took in, and furled square sail, and set all fore and aft sail. At 5<sup>00</sup> changed course to S by W. at 6 to S, at 6<sup>45</sup> to S S E by E. and at 7.40 to S E, all by order of the Captain; the readings of the patent log at the changing of courses were 79.1, 80.4, 91.7, 94, and 100. At 4<sup>00</sup> sighted Modeste is land on port bow. Ross Island ahead and Hydrographer Group about two points on port bow, and Vauancourt Rock, and Comfort Islands about one point on port bow. Under steam, pressure 55 lbs, and 51 revolutions. Aneroid barometer 30.32.

Ned White Lieut

8 A.M. to Meridian. Weather clear, and pleasant. Gentle breeze from ENE. Barometer steady. Mustered, at quarters at 9<sup>30</sup>, and exercised gun divisions at guns, and Marine Guard, at 3 in rifle. Changed course, at 8.30 to S E 1/2 E. the northern most rock of Hydrographer group bearing S W. distant 3 1/2 miles. Running under fore and aft sail, and steam. A large number of islands in sight during watch. At end of watch West Pinnacle Rock of Craig Hornet group bore East, distant 4 miles. Aneroid at end of watch 30.32. Steam pressure 56. Revolutions 52.

John Ross Lieut

Meridian to 11 P.M. Clear and pleasant. Moderate breeze from N.E. hauling to East and falling light. At 12<sup>00</sup> changed course to S.E. patent log reading 39 knots. At 12<sup>45</sup> set topgallant and foresail, at 2<sup>00</sup> took them in, wind hauling forward. Sighted a number of Islands on both sides. At 12<sup>45</sup> West Pinnacle rock of the Craig Hornet Group bore abeam (pc) N E 1/2 N. At 3<sup>00</sup> changed course to S E 3/4 S. patent log recording 65.7 knots. At 4<sup>00</sup> changed course to S E 1/4 E. patent log recording 62 knots. Steam 54 lbs. Revs 52. Aneroid barometer 30.29.

W. M. Dunn Master

4 to 6 P.M. Clear and pleasant. Light breeze from East. Smooth sea. Steaming under six boilers, and all fore and aft sail. The Island of Quelpart in sight on starboard bow and beam. At 4<sup>00</sup> Tenuis rocks bore abeam. At 4<sup>45</sup> changed course to S E by E. Average Rev. 52. Steam 55 lbs. Aneroid 30.28. Pat log reading 89.1 miles.

Waining the Recovery Lieut

6 to 8 P.M. Weather clear, and pleasant. Light breeze from E by N. Barometer steady. Under fore and aft sail, and steam. pressure 57 lbs, and 52 revolutions. Pat log reads 70.8. Quelpart Island on starboard beam, and Deavfort Island two points forward of starboard beam. Aneroid barometer 30.30.

Ned White Lieut

8 P.M. to Midnight. Weather clear and pleasant. Gentle breeze from E by N. Barometer steady. Changed course at 8<sup>20</sup> to S 1/4 S. Under steam, and fore and aft sail. Aneroid at end of watch 30.28. Revolutions 51. Steam 54.

Moon found Examined and found to be correct.

Dec 10° 05' 45" S

Phase New Moon

Other Lieut

W. S. Parker  
Lieut Navigator.

LOG of the UNITED STATES

Steamer Essex

3d Rate, 6 Guns,

Making passage from Poa I. Korea to Nagasaki, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	8 8	86 1/4 S	E by S	3		30.12	70	70	66	66	72	bc	strat	6	8	Torn and off sail
2	9 0	-	S	11		30.13	70	70	66	66	72	"	"	5	"	
3	9 0	-	"	14		30.13	71	71	69	69	72	"	"	5	"	
4	8 4	-	N 64 E	4		30.13	71	71	69	69	72	"	"	5	"	
5	8 5	-	"	14		30.10	71	71	69	69	74	"	circum	7	"	
6	6 0	86 by S	"	14		30.11	73	73	72	72	74	"	"	5	"	Made sail to royal
7	4 5		East	3		30.12	73	73	72	72	74	"	"	6	"	
8	4 0	86 1/2 S	E N E	3		30.15	73	74	72	72	74	"	"	7	"	
9	3 0	84 E	"	2		30.12	74	74	71	71	74	"	circum	8	"	
10	1 5	86 by S	E X S	1		30.12	74	75	71	71	75	"	"	8	"	
11	1 5		E N E	1		30.10	74	74	71	71	75	"	"	6	"	
Noon.	1 5	86 1/2 S	"	1		30.10	74	74	71	71	76	"	"	5	"	

Distance run by Log since preceding Noon

173 knots 3 fathoms.

Latitude by D. R. at Noon

32° 22' 00" N

Longitude by D. R. at Noon

128° 20' 00" E

Latitude by Observations at Noon ◎

32° 30' 00" N

Longitude by Chronometer from Forenoon Observations ◎

128° 12' 00" E

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ◎ observed at Sunrise

" " "

Variation of the Compass by Azimuth ◎ observed at

" " "

Water expended during the preceding 24 hours

330 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1540 "

Coal consumed during the preceding 24 hours

13 tons 1380 lbs.

Coal remaining on hand at Noon

42 " 420 "

P. M.																	
1	1 5	88 E	E by N.	1	30.10	75	75	72	72	78	bc	circum	6	8			
2	1 0	8 E	N E	1	30.09	75	75	72	72	78	"	circum strat	7	"			
3	1 0	E 8 E	"	1	30.09	76	75	72	72	78	"	"	7	"			
4	1 5	"	"	1	30.10	74	75	72	72	78	"	"	5	"			
5	2 5	E by S.	N N E	2	30.10	76	75	72	72	78	"	"	5	"			
6	4 0	E N S.	"	3	30.10	76	75	72	72	78	"	cumulus	11	"			
7	5 0	"	"	4	30.10	76	75	72	72	78	"	"	11	"			
8	5 4	8 1/4 S	"	4	30.10	76	75	72	72	77	"	circum	11	"			
9	5 0	E X S.	"	4	30.08	76	75	72	72	77	"	"	2	"			
10	5 0	"	"	4	30.08	76	74	72	72	77	"	cumulonimb	2	"	Clouds spreading		
11	5 5	86 X E.	N E	5	30.08	76	74	72	72	77	ocpl	cumulonimb	0	"	royals & flying jib		
Mid.	4 0	E 8 E	"	3.6	30.06	75	74	71	71	77	ocpl	"	0	"			

Longitude by Chronometer from Afternoon Observations ◎

128° 11' 00" E

Longitude by Chronometer from Observations \*

" " "

Variation of the Compass by Amplitude      observed at Sunset

" " "

Variation of the Compass by      at

" " "

under the command of

Commander A. H. M<sup>c</sup> Connell.

, U. S. Navy,

Wednesday October 3d

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Partly cloudy. Moderate breeze from E by S. Smooth sea. Barometer steady. Steam 82 lbs. Revs 58. Aneroid barometer 30.27. Pat log at 4° 74.1.

W.W. Brown Master

4 to 8. A.M. Clear and pleasant. Moderate to light breeze from N by E to E. Smooth sea. At 5° the bolts on strap on low press. crank pin carried away. stopped engine as quickly as possible and found that circulating pump barrel had been knocked out, lower piston rod bent also connecting rod, upper piston rod carried away at cross head. Hauled fire and made sail to royals. At 5<sup>45</sup> sighted ~~Goto~~ Islands, and at 8. their S end bore East. Aneroid 30.26

W. W. Brown Lieut  
8 A.M to Meridian Weather clear and pleasant. Breeze light in force and varying in direction from E N E to E by S. Barometer steady. But main sail, set it and took in main trysail. At 9<sup>45</sup> mustered and inspected sal- quarters, and afterwards had fire quarters. Land in sight on port beam. Aneroid barometer 30.22.

Karl Kohler, Lieut  
Meridian to 4 P.M. Cloudy mild weather. Light airs from E by N and N E. Barometer steady. Aneroid 30.21. All plain sail to royals. By the wind. Smooth sea,

4 to 6. P.M. Cloudy and cool. Light breeze from N N E, freshening latter part. Smooth sea. At 4<sup>30</sup> changed course to East, Oe Saki Light House bearing (pc) N E by E 1/4 E. Abes Ears. Mi Sima Group (pc) 3 1/4 E. C. Ely. Went to quarters at 4<sup>45</sup>. At 6. Oe Saki Light House bore (pc) N & 1/2 N. Aneroid bar. 30.20

W.W. Brown Master

6 to 8. P.M. Clear, cloudy and pleasant, moderately light breeze from N N E. Smooth sea. At 8. Oe Saki Light bore N 1/4 E. Aneroid 30.22

W. W. Brown Lieut  
8 P.M to Midnight, Weather unsettled and equally in latter part of watch. Breeze gentle to fresh in squalls. varying in direction from E N E to N E. Lightning to sea, Barometer steady. Aneroid barometer 30.20. At 11<sup>45</sup> lost sight of Oe Saki Light bearing about N W by N.

Karl Kohler, Lieut

Moon 1/2 mid Examined and found to be correct.

Dec. 13.<sup>o</sup> 12' 59"S.

Phase New Moon.

W. S. Parker  
Lieut & Navigator.

LOG of the UNITED STATES

*Steamer Essex.*, 3d Rate, 6 Guns,  
Making passage from Rose Island to Nagasaki, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	5 5	8 3/4 N.	N x E	3-5	30.04	73	71	71	77	o c p g l	overcast cloudy	0	8	S	Sail except staysails jib and forestay up	
2	6 0	8 by N	"	3-5	30.05	73	70	70	77	"	"	0	0	"	Jib and forestay up	
3	6 2	"	"	3-5	30.03	73	71	70	77	"	"	0	0	"		
4	6 0	8 3/4 N.	"	3-5	30.02	73	71	71	77	"	"	0	0	"		
5	6 8	8 by N.	"	3-5	30.02	71	69	69	66	o c g o s	nimbus	0	0	"		
6	3 5	8	18 by N.	3-5	30.02	71	70	69	76	"	"	0	0	"		
7	7 0	NW x N.	"	4-6	30.04	71	70	69	76	"	"	0	0	"		
8	6 0	NW x N.	N E	4-6	30.06	71	69	68	76	"	"	0	0	"		
9	6 0	N x N.	N E	4-6	30.05	72	69	69	76	"	"	0	0	"		
10	5 0	N 1/2 E.	E by N.	4-6	30.05	72	69	69	76	"	"	0	0	"		
11	4 0	"	N 1/2 E.	4-6	30.04	71	69	69	76	b e g r	overcast nimbus	2	2	"		
Noon.	5 0	N 1/2 N.	8 by E	3-5	30.03	71	69	69	76	"	"	1	1	"		

Distance run by Log since preceding Noon

111 knots 11 fathoms.

Latitude by D. R. at Noon

32° 06' 00" N

Longitude by D. R. at Noon

129° 20' 00" E

Latitude by Observations at Noon ☽

• " "

Longitude by Chronometer from Forenoon Observations ☽

• " "

Current during the time      knots      fms. per hour, setting to the

• " "

Variation of the Compass by Amplitude ☽ observed at Sunrise

• " "

Variation of the Compass by Azimuth ☽ observed at

• " "

Water expended during the preceding 24 hours

310 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1200 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

42 " 120 "

P. M.																
1	4 8	8 8 E	E x N.	3-5	29.98	71	69	69	76	b c	cirrus	1	8			
2	4 8	8 6 1/2 S	"	3-5	29.96	72	69	69	76	"	"	2	0			
3	3 0	8 8 x 8 1/2 E	N E x E	3	29.95	71	69	68	76	"	"	2	0			
4	2 0	8 8 E	"	3	29.94	71	69	68	76	"	"	1	0			
5	3 5	E N 8 1/2 E.	N	4	29.94	71	70	69	77	"	cirrus cirrus	3	0			
6	4 0	6 1 N	N x E	4	29.93	71	70	69	77	"	cirrus	1	0			
7	4 0	N W	N N E	4	29.93	71	70	69	77	"	nimbus	1	0			
8	5 0	"	"	4	29.94	71	70	69	77	"	"	4	0			
9	5 0	N 9 1/2 x N.	N E x N.	4-6	29.95	72	72	70	77	b e g	cirrus	6	0			
10	5 0	"	"	4-6	29.96	72	72	70	77	"	"	7	0			
11	4 6	6	N N E	4	29.96	72	72	70	77	b c	cirrus	8	0			
Mid.	4 0	"	"	4	29.96	73	72	70	77	"	"	8	0			

Longitude by Chronometer from Afternoon Observations ☽

• " "

Longitude by Chronometer from Observations \*

• " "

Variation of the Compass by Amplitude      observed at Sunset

• " "

Variation of the Compass by      at

• " "

under the command of

Commander A. G. McCormick

, U. S. Navy,

Thursday, October 11th

1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather overcast equally and rainy. Wind from N by E. Barometer falling. Steaming full speed by Android at end of watch 30.18.

4 to 8 A.M. Overcast cloudy equally and rainy. Fresh breeze varying in force from 3 to 5 and its direction from N.E. to N by E. At 5<sup>40</sup> bore ship to the S. At daylight sighted land right ahead. Barometer turning to rise. Aneroid barometer 30.18.

8 A.M. to Meridian. Cloudy. Rainy. Light to moderate breeze from N.E. at commencement of watch and S.E. by E. at end of watch. Smooth sea. Sighted a steamer at 10. bound to N and E. Land in sight on both beams greater part of watch. Tacked ship at 12<sup>45</sup> to N and E. headed S by E on new tack. Aneroid 30.16.

*W.W. Smith* Master

*Winnipeg-Keweenaw*

Meridian to 11 P.M. Cloudy and pleasant. Fresh to gentle breeze from E by N to and N.E. by E. Barometer falling. Aneroid 30.11. By the wind, on port tack with all plain sail to topgallantsails. Smooth sea.

11 to 6 P.M. Weather clear and pleasant. Gentle breeze from N by E. Smooth sea. Barometer falling. Mustered at quarters at 4<sup>45</sup>. Sighted Nagasaki Light House at 4<sup>45</sup> bearing N.E. by E 3<sup>1/4</sup> E; same light house at end of watch bore N.E. 1/4 E. Aneroid at end of watch 30.10.

*H.D. Winn* Engineer

6 to 8 P.M. Pleasant weather. Moderate breeze from N.N.E. Smooth sea. At 6<sup>00</sup> tacked ship. Nagasaki light bearing N.E. At 8<sup>00</sup> it bore E 1/4 N. Aneroid barometer 30.13.

*V.W. Smith* Master

8 P.M. to Midnight. Clear and pleasant. Light to moderate breeze from N.E. by N to N.N.E. Smooth sea. At 9<sup>00</sup> lost sight of Nagasaki light bearing when last seen E by N 1/4 N. At 10<sup>00</sup> tacked ship to N and E, and headed E by N on new tack. At 11<sup>00</sup> sighted Nagasaki light bearing E 1/2 S. At end of watch light bore E 1/2 S. distant about 20 miles. Aneroid steady at 30.11.

*Winnipeg-Keweenaw*

Lieut

Longitude Examined and found to be correct.

Dec. 15° 47' 56" S

Phase New Moon.

*M. S. Parker*

Lieut 3 Navigator.

## LOG of the UNITED STATES

Steamer "ESSO", 3d Rate, 6 Guns,  
At anchor Nagasaki Outer Harbor, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	5	6xN.	NNE.	3	29.96	72	70	68	76	70	68	Sc	Ocum	8	8	Please to topgallant sail
2	5 2	6 NNE.	N.	4	29.96	72	70	68	76	"	"	"	"	6	"	jib and fore stay sail
3	4 0	6xN.	.	3	29.96	72	70	68	76	"	"	"	"	4	"	
4	weather		NNE	2	29.94	72	70	68	76	"	"	"	"	7	"	
5	129°44'	Auckland	N	NxE.	0.2	29.96	71	70	69	"	"	"	Bum strat	8	"	Top in all sail
6				NNE.	2	29.97	71	70	69	"	"	"	Circum strat	6	"	
7				"	2	29.99	72	70	69	"	"	"	"	7	"	
8				"	2	30.01	74	71	70	"	"	"	Ocum	8	"	
9				NxE.	1x8	30.01	74	73	70	"	"	"	"	8	"	
10				"	3	30.01	75	74	71	"	"	"	"	8	"	
11				"	3	30.01	75	75	71	"	"	"	"	8	"	
Noon.				"	3	30.01	75	70	71	"	"	"	"	8	"	

Distance run by Log since preceding Noon

64 knots or fathoms.

Latitude by D. R. at Noon

° " "

Longitude by D. R. at Noon

° " "

Latitude by Observations at Noon ☽

° " "

Longitude by Chronometer from Forenoon Observations ☽

° " "

Current during the time      knots      fms. per hour, setting to the

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

"

Variation of the Compass by Azimuth ☽ observed at

"

Water expended during the preceding 24 hours

350 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

850 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

41 " 2060 "

P. M.																
1	,	NxE.	NxE	3	29.98	76	76	71	"	"	"	"	Ocum	8	0	
2	"	"	"	3	29.98	76	76	71	"	"	"	"	"	7	0	
3	"	"	"	3	29.96	76	76	71	"	"	"	"	"	8	0	
4	"	"	"	3	29.96	76	76	71	"	"	"	"	"	6	0	
5	standing in to Nagasaki	"	N.E.	3	29.94	70	74	70	"	"	"	"	"	9	0	
6	Anchored	-	NxE.	2	29.95	75	73	70	"	"	"	"	"	9	0	
7	"	NNE	"	2	29.95	70	71	68	"	"	"	"	"	10	0	
8	"	NxE.	"	2	29.96	70	70	68	"	"	"	"	"	10	0	
9	"	"	"	3	30.00	70	70	68	"	"	"	"	"	10	0	
10	"	"	"	3	30.00	74	70	68	"	"	"	"	"	10	0	
11	"	N.E.	N.E.	3	30.00	72	69	66	"	"	"	"	"	10	0	
Mid.	"	"	"	2	30.00	71	69	66	"	"	"	"	"	10	0	

Longitude by Chronometer from Afternoon Observations ☽

" "

Longitude by Chronometer from Observations \*

" "

Variation of the Compass by Amplitude      observed at Sunset

" "

Variation of the Compass by      at

" "

under the command of

Commander A. G. W<sup>c</sup> Comstock

, U. S. Navy,

Friday, October 5<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather clear and pleasant. Light to moderate breeze from East to N.E. Barometer falling slowly. Standing for an anchorage in the mouth of Nagasaki Harbor. At 2<sup>o</sup> hoisted all hands work ship. At 3<sup>45</sup> set royals and flying jib. At 3<sup>45</sup> took in all sail. Commenced breaking ast steel hawser to bend it to a hedge to come to with. Aneroid barometer 30.10.

4 to 8 A.M. Weather clear and pleasant. Gentle breeze from N.E. Barometer rising. At 4<sup>30</sup> let go hedge anchor with wire cable in 29 fathoms water, and purred to go flat bottom. Bearings from anchorage, Nagasaki light N<sup>1/4</sup> E. Beacon SW<sup>1/4</sup> N. 1/2 dist about 1/2 mile, Twalet sail. Aneroid stand of watch 30.13.

8 A.M. to Meridian. Clear and warm. Moderate breeze from N by E. Barometer steady. Mastered and inspected at quarters at 9.30. At 10<sup>15</sup> finding the ship was dragging let go the starboard anchor purring to 46 fathoms on stbd chain. At 11<sup>15</sup> <sup>at 11<sup>15</sup> brought up the starboard anchor and brought away the anchor port,</sup> brought up the starboard chain and an officer to call in the U.S. Consul on shore and received an official visit from him. Aneroid barometer 30.06.

Meridian to 1. P.M. Clear and pleasant. Moderate breeze from N by E. At 2<sup>o</sup> hoisted starboard anchor and started ahead in tow of tug. Set all fore and aft sail. At 3<sup>30</sup> came to with starboard anchor and purred to 37 fathoms. Red light house bore S.W. distant about one mile. Aneroid 30.06. Warming the engine.

1 to 8 P.M. Clear and pleasant. Gentle to light breeze from N and N by E. Barometer steady. Aneroid 30.10. At 1<sup>30</sup> hoisted all hands up anchor. Hoisted up anchor and gave a line to tug ahead. Stood up into Nagasaki Harbor and at 5<sup>15</sup> discharged tug and let go starboard anchor in seven fathoms of water off the "Consulate Hataba" purred to 30 fathoms on starboard chain. At 8<sup>45</sup> an officer from the German admiral of war "Leipzig" paid an official visit on board.

8 P.M. to Midnight. Weather clear and pleasant. Light to gentle breeze from N & E. to N.E. Barometer steady. Aneroid barometer 30.10

H. D. Dunn. Engineer  
H. D. Dunn. Navigator

Moon at mid Examined and found to be correct.

Dec 17° 42' 33" S.

Phase New Moon.

W. S. Parker  
Lieut <sup>3</sup> Navigator.

LOG of the UNITED STATES

*Steamer "Essex"*  
*Nagasaki, Japan.*

3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Anchored	NE	N.E.	2			29.97	71	68	66		bc	xi	9	8	
2	"	"	"	1			29.97	71	68	66		"	"	9	"	
3	"	"	"	1			29.96	71	68	66		"	"	9	"	
4	"	"	"	1			29.96	71	68	66		b		10	,	
5	NNE	NNE.	NNE.	1			29.96	70	67	66		"		10	,	
6	"	"	"	1			29.96	70	67	66		"		10	"	
7	NE	Calm	0				29.96	70	68	66		bc	Qua	9	,	
8	E.N.	N.E.	N.E.	1			29.96	71	70	68		"	circum	7	"	
9	N.	N.	N.	2			29.99	72	71	67		"	"	5	"	
10	"	"	"	3			30.00	72	71	67		"	"	7	"	
11	"	"	"	3			30.00	73	73	68		"	circlets	7	"	
Noon.	NE+E.	NE	NE	3			29.99	74	74	68		"	cts	9	"	

Distance run by Log since preceding Noon

knots      fathoms.

Latitude by D. R. at Noon

°      '      "

Longitude by D. R. at Noon

°      '      "

Latitude by Observations at Noon ☽

°      '      "

Longitude by Chronometer from Forenoon Observations ☽

°      '      "

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°      '      "

Variation of the Compass by Azimuth ☽ observed at

°      '      "

Water expended during the preceding 24 hours

290 gallons.

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

560 "

Coal consumed during the preceding 24 hours

tons      300 lbs.

Coal remaining on hand at Noon

41 " 1760 "

P. M.																
1	NE	NE	3	29.99	70	70	68		bc	circum	8	"				
2	"	"	2	29.97	76	76	69		"	"	8	"				
3	"	"	2	29.96	76	76	69		"	"	8	"				
4	"	"	2	29.94	78	76	69		"	"	8	"				
5	"	"	2	29.94	78	76	69		"	cts	8	"				
6	"	"	2	29.94	76	76	69		"	"	9	"				
7	"	"	1	29.95	76	76	69		"	"	9	"				
8	"	"	1	29.95	76	76	69		"	"	9	"				
9	NNE	N.	2	29.96	73	69	66		"	"	9	"				
10	"	"	3	29.96	73	69	66		"	"	7	"				
11	"	"	3	29.96	73	69	66		"	"	7	"				
Mid.	"	"	2	29.96	73	69	66		"	"	8	"				

Longitude by Chronometer from Afternoon Observations ☽

°      '      "

Longitude by Chronometer from Observations \*

°      '      "

Variation of the Compass by Amplitude      observed at Sunset

°      '      "

Variation of the Compass by      at

°      '      "

under the command of

Commander A. H. McCormick

, U. S. Navy,

Saturday, October 6.

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences, and till 11 A.M. Weather clear and pleasant, Light airs from N.E. Barometer steady. Aneroid at end of watch 30.12.

11 to 8 A.M. Clear, mild weather. Light airs from N.N.E. and calm. Barometer steady. Aneroid 30.14. Riding to wind <sup>Cold</sup> current.

8 A.M. to Meridian. Weather clear and pleasant, Light to gentle breeze from N. Barometer steady. Unbent mainsail, main top sail and fore topmast staysail. At 9<sup>30</sup> mustered and inspected the crew at quarters. Issued monthly money to the crew. An officer from the Japanese gunboat in port came on board with the usual offer of civilities. The Captain left the ship to make official visits. An English steamer came in and anchored. Aneroid barometer 30.10.

<sup>Tall Arkansaw</sup> 11 A.M. to Meridian. Weather clear and pleasant. Gentle breeze from N.E. Barometer falling. The Comdg Officer of the German man of war <sup>Deposited</sup> visited the ship officially at 2.00. Officers of the same ship called socially at 3.30. Aneroid at end of watch 30.02.

4 to 8 P.M. Weather clear and pleasant, Light breeze from N.E. Barometer steady. At 4<sup>45</sup> mustered crew at quarters. Aneroid bar 30.08. Sent down royal yards.

8 P.M. to Midnight, Weather clear and pleasant, Light breeze from N.E. Barometer steady. Aneroid at end of watch 30.10.

<sup>Clear</sup> 8 P.M.

Moonlight Examined and found to be correct.

Dec 18° 52' 12" S.

Phase New Moon

W. H. Parker  
Lieut 3<sup>d</sup> Navigator.

## LOG of the UNITED STATES

Steamer "Essex"  
Nagasaki, Japan.

3d Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Anchored N.E.		N.E.		1		30.00	71	67	65		bc	circum	8	5	
2	"		"		2		29.99	70	67	64		"	strat	8	"	
3	"		"		2		29.99	70	67	64		"	"	9	"	
4	"		"		1		29.99	70	67	64		"	circum	9	"	
5	"		"		1		29.99	70	67	64		"	"	7	"	
6	"		"		1		29.99	70	67	64		"	circum	7	"	
7	"		"		1		29.98	70	67	64		"	"	3	"	
8	NNE.		NNE		1		29.98	70	67	64		"	"	14	"	
9	N.		N.		1		29.94	70	69	65		"	"	14	"	
10	"		N.E.		1		29.94	71	70	65		oc	"	1	"	
11	"		"		1		29.94	71	70	65		"	"	0	"	
Noon.	NNE		NNE		2		29.90	71	70	65		"	"	0	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time

knots

fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

290 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

270 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

41 " 1460 "

P. M.																
1	NNE		NNE	2		29.89	71	70	66		bc	cum, cir, cum, strat	2	"		
2	"		"	2		29.87	71	70	66		"	"	2	"		
3	"		"	2		29.85	72	71	66		"	"	2	"		
4	"		"	2.11		29.85	72	71	66		"	"	2	"		
5	"		"	2.11		29.85	72	71	66		bcg	cumulat	2	"		
6	"		"	2.11		29.85	72	71	67		"	cirrostrat	11	"		
7	N.		N.	2.5		29.82	72	71	67		"	cumulat	11	"		
8	NNE		NNE	2.5		29.80	72	71	67		"	"	11	"		
9	"		"	2.5		29.75	72	71	67		ocgr	"	0	"		
10	"		"	3.6		29.73	72	71	67		"	"	0	"		
11	"		"	3.6		29.68	72	70	67		"	"	0	"		
Mid.	NNE+N.		NNE+d.	3.6		29.67	72	70	67		"	"	0	4		

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude observed at Sunset

°

"

Variation of the Compass by at

°

"

under the command of

Commander A. H. M<sup>o</sup> Connick

, U. S. Navy,

Sunday. October 7<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences, and until 4 A.M. Clear and pleasant, light breeze from N.E. Barometer steady. Aneroid barometer 30.10.

4 to 8 A.M. Weather pleasant. Light airs from N.E. Barometer steady. Received on board for the crew 90 lbs of beef, 90 lbs of vegetables, and 42 loaves of bread. Aneroid barometer 30.12.

8 A.M. to Meridian. Weather overcast and cool. Light airs from N and E. Barometer steady. Called all hands to muster at 9<sup>th</sup> and read Articles for the Better Government of the Navy. Aneroid at end of watch 29.97.

Meridian to 11 P.M. Cloudy and cool. Light breeze from N.E. Barometer falling. Aneroid barometer 29.98.

11 to 8 P.M. Weather cloudy and equally. Wind from N. Barometer falling. Aneroid at end of watch 29.93.

8 P.M. to Midnight. Overcast and cloudy. Fresh breeze from N.N.E. with frequent strong puffs. At 8<sup>15</sup> fared to 115 fathoms on starboard chain. Barometer falling. Aneroid bar at the close 29.86.

W.W. Smith Master

Moon Liquid Examined and found to be correct.

Dec 19° 10' 51" S

Phase. New Moon.

W. T. Parker  
Lieut, Navigator.

## LOG of the UNITED STATES

Steamer "Essix", 3d Rate, 6 Guns,  
Flagstaff, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. at'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M																
1	Cuckold	NNE	St.	3-5	29.63	71	70	67				ocg	cirrus	0	8	
2	"	"	"	4-6	29.61	71	70	66				"	"	0	"	
3	"	"	"	4-6	29.61	71	70	66				"	"	0	"	
4	"	"	"	4-6	29.60	71	70	66				"	"	0	"	
5	"	"	NNE	8-5	29.60	71	70	67				bog	"	2	"	
6	"	"	"	8-5	29.65	71	71	68				"	"	3	"	
7	"	"	"	8-5	29.69	71	71	69				"	cirrus	3	"	
8	"	N	N	8-5	29.70	72	71	69				"	"	5	"	
9	"	"	"	2-4	29.75	73	71	69				"	"	5	"	
10	"	"	"	3-5	29.77	75	73	71				bog	"	5	"	
11	"	NxW	"	3-5	29.79	75	73	71				bog	cirrus	7	"	
Noon.	"	"	"	3-5	29.82	75	73	71				bog	"	7	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

320 gallons.

Water distilled during the preceding 24 hours

500 "

Water remaining on hand fit for use at Noon

50 "

Coal consumed during the preceding 24 hours

tons 1700 lbs.

Coal remaining on hand at Noon

40 " 2000 "

P. M.																
1	N.	N.	3-5	29.80	75	73	70					bog	cirrus	7	"	
2	NNE	NNE	3-5	29.82	75	74	70					"	"	6	"	
3	N.	N.	3-6	29.85	76	74	70					"	"	5	"	
4	"	"	3-6	29.88	76	74	70					"	"	6	"	
5	"	"	2-4	29.94	75	72	69					"	"	8	"	
6	"	"	2-4	29.95	74	72	68					"	"	7	"	
7	"	"	1-3	29.97	74	70	68					bc	cirrus	6	"	
8	"	"	2	29.98	74	70	67					"	cirrus	7	"	
9	"	Calm	0	30.00	74	70	67					"	air	9	"	
10	"	"	0	30.03	73	70	68					"	"	9	"	
11	ESE	"	0	30.03	73	69	67					"	"	10	"	
Mid.	E.	"	0	30.03	71	69	67					"	"	10	"	

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude observed at Sunset

°

"

Variation of the Compass by at

°

"

under the command of

Commander A. H. W<sup>l</sup> Comdr R. U. S. Navy,  
Monday October 8<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commence and until 11 A.M. Cloudy. Blowing a moderate gale from North. Aneroid barometer low and steady 29.80 at end of watch.

1 to 8 A.M. Weather cloudy and equal. Wind from N.W. Barometer rising. Sent an officer to board the M.B.M.S. Cos. steamer "Nagoya Maru" from Yokohama bound to Shanghai. Aneroid at end of watch 29.88.

8 A.M. to Meridian. Cloudy and equally with occasional passing showers. Barometer rising. Mustered at quarters at 9<sup>o</sup>, exercised 1<sup>st</sup> and 2nd Divisions at single sticks 2<sup>o</sup> and 3<sup>o</sup> division and marines at small arms which exercised ball action. Thomas W. Leman D.C.H. and John Kemper, (Pvt Marine) were absent without leave. By order of Commanding Officer T. J. Clark (O.S.), and Frank A. Smith (O.S.) were each given two hours extra duty for missing muster of watch. Started two fires for distilling: commenced at 11<sup>50</sup>. Aneroid 29.71.

Meridian to 11 P.M. Clear and warm. Fresh breeze with occasional strong squalls from North. Aneroid rising 30.81 at end of watch. Sent to U.S. Storehouse on shore the following named articles brought from the U.S.S. "Monocacy" at Rose Island: 11 boxes of boiler tubes, 12 boat davits, and 3 kegs of condemned butter. Distilling. W<sup>l</sup> Minn<sup>g</sup>-Reeves W.R. Gant

11 to 8 P.M. Pleasant weather. Moderate breeze from North. Barometer rising rapidly. Mustered at quarters at 11.45. At 6<sup>50</sup> sent down top-gallant yards and up best light sails. Aneroid barometer 30.46. Distilling. By order of Commanding Officer placed Wm. Winchester (C.B.M.) in charge stow for safe keeping.

8 P.M. to Midnight. Clear and cool. Light variable airs and calms. Aneroid barometer 30.20. Distilling. W<sup>l</sup> Minn<sup>g</sup>-Reeves W.R. Gant

Moon令紀 Examined and found to be correct.  
Dec 18° 35' 59" S  
Phase First Quarter.

W. S. Parker  
Lieut 8 Navigator.

LOG of the UNITED STATES

Steamer "Essex"

3d Rate, 6 Guns,

Nagasaki, Japan

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Anchored	N E.	Calm	0	30.06	69	64	65					Sc		10	S
2		N N E.	N N E.	1	30.06	69	65	64				"		10	"	
3		"	"	1	30.06	68	63	63				"		10	"	
4		"	"	1	30.06	67	63	63				"		10	"	
5		"	Calm	0	30.07	67	64	63				bcw	Cis	9	"	
6		"	"	0	30.09	66	64	63				"	"	9	"	
7		"	"	0	30.12	66	63	63				"	"	8	"	
8		"	"	0	30.13	68	65	64				"	"	9	"	
9		E.	N N E.	1	30.16	69	71	70				"	"	9	"	
10		N N E.	"	1	30.16	70	72	68				Sc	Circum	8	"	
11		"	"	1	30.16	71	72	68				"	"	8	"	
Noon.		"	"	1	30.16	72	73	68				"	"	8	"	

Distance run by Log since preceding Noon

knots      fathoms.

Latitude by D. R. at Noon

°      '      "

Longitude by D. R. at Noon

°      '      "

Latitude by Observations at Noon ☽

°      '      "

Longitude by Chronometer from Forenoon Observations ☽

°      '      "

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°      '      "

Variation of the Compass by Azimuth ☽ observed at

°      '      "

Water expended during the preceding 24 hours

310      gallons.

Water distilled during the preceding 24 hours

3300      "

Water remaining on hand fit for use at Noon

3090      "

Coal consumed during the preceding 24 hours

1 tons 2160      lbs.

Coal remaining on hand at Noon

38 " 2080      "

P. M.																	
1		N E.	N N E.	1	30.14	74	75	68				Sc	Circum	8	"		
2		N N E.	N N E.	1	30.12	75	75	68				"	"	8	"		
3		"	"	1	30.10	75	75	68				"	"	7	"		
4		W.	W.	1	30.10	75	75	68				"	"	8	"		
5		"	"	1	30.10	75	75	68				"	"	8	"		
6		N W.	N W.	1	30.12	74	74	70				"	Ostro	8	"		
7		N E.	Calm	0	30.12	73	72	70				"	"	7	"		
8		E.	"	0	30.12	73	71	69				"	"	8	"		
9		"	N N E.	1	30.16	71	71	69				"	Ostro	8	"		
10		N E.	"	1	30.18	71	69	68				"	"	6	"		
11		"	"	1	30.18	70	68	67				"	Circum	6	"		
Mid.		"	Calm	0	30.18	70	67	66				"	Ostro	5	"		

Longitude by Chronometer from Afternoon Observations ☽

°      '      "

Longitude by Chronometer from Observations \*

°      '      "

Variation of the Compass by Amplitude      observed at Sunset

°      '      "

Variation of the Compass by      at

°      '      "

under the command of

Commander A. H. M<sup>c</sup>Connick

, U. S. Navy,

Tuesday October 9.

, 1853.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and cloudless. Light airs from N & E and calm. Barometer steady. Aneroid 30.22. Distilling.

*Hodson, Ensign*

4 to 8. A.M. Pleasant weather, slightly misty. Calm. Barometer rising. At daylight hoist up starboard anchor and shifted berth, let go starboard anchor in 6 fathoms water, securing to 30 fathoms chain, bearings of anchorage Quara Creek, mouth S.C.; Mungo Point, S $\frac{1}{4}$  W. Ships head N & E. Received oil board for use of ship's company 60 lbs. of fresh beef and vegetables, and 72 loaves bread, Oby<sup>45</sup> covered topgallant yards. Aneroid barometer 30.28.

*W. M. Smith Master.*

8 A.M. to Meridian. Clear and warm. Light airs from N & E. At 9:30 mustered at quarters. Private John Hempey, absent without leave, Excused all gun divisions at great guns, and Marines at small arms. At 9, hoisted sail. Aneroid 30.27.

*W. M. Smith Master-Lieut*

Meridian to 1 P.M. Clear and pleasant weather. Light airs from N & E. and West. Barometer falling. Aneroid 30.20. At 10<sup>th</sup> stopped distilling, and hoisted fore. At 1<sup>st</sup> furled sail.

*Hodson, Ensign*

4 to 8. P.M. Clear and warm. Light airs from N $\frac{1}{2}$  E. At sunset run down topgallant yards. At 4<sup>45</sup> mustered at quarters and served out hammocks. Aneroid 30.23.

*W. M. Smith Master-Lieut*

8 P.M. to Midnight. Cloudy and cool. Light airs from N & E and calm. Barometer steady. Aneroid 30.26

*Hodson, Ensign*

Noon Speed Examined and found to be correct.

Dec 17.° 05' 55" S

Phase First Quarter.

*M. S. Parker  
Lieut & Navigator.*

LOG of the UNITED STATES Steamer *Essex*, 3 Rate, 6 Guns,  
 Anchored off Nagasaki Japan

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.	
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.						
A. M.																	
1	Anchored N.N.E.	N.N.E.	1	-	30.16	70	68	67				Sc	Cum	3	5		
2	" "	"	1	-	30.15	70	68	67				"	Cum	4	"		
3	" "	Calm	0	-	30.15	70	68	67				"	"	7	"		
4	" "	"	0	-	30.15	69	68	67				"	"	7	"		
5	" "	"	0	-	30.15	67	64	64				"	"	7	"		
6	" "	"	0	-	30.15	67	64	64				"	"	6	"		
7	" "	N.N.E.	1	-	30.15	67	64	64				"	"	4	"		
8	" "	N.E.	1	-	30.16	68	65	65				"	"	6	"		
9	" "	Calm	0	-	30.20	70	69	68				"	Cum	7	"		
10	" "	"	0	-	30.20	71	68	68				"	Cum	6	"		
11	"	S.W.	S.W.	1	-	30.20	71	68	68				"	cum	6	"	
Noon.	" "	"	"	1	-	30.20	73	69	69				"	Cum	6	"	

Distance run by Log since preceding Noon

knots fathoms.

Latitude by D. R. at Noon

° ' "

Longitude by D. R. at Noon

° ' "

Latitude by Observations at Noon ☽

° ' "

Longitude by Chronometer from Forenoon Observations ☽

° ' "

Current during the time knots fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

° ' "

Variation of the Compass by Azimuth ☽ observed at

° ' "

Water expended during the preceding 24 hours

300 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2790 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

38 " 1780 "

P. M.																
Anchored	S.W.	S.W.	1	30.18	75	75	69		Sc	-	Cum	5	5			
2	W.S.W.	W.S.W.	1	30.17	75	76	70		"		"	5	"			
3	"	"	1	30.16	75	76	70		"		"	4	"			
4	"	"	1	30.16	75	76	70		"		"	4	"			
5	"	"	1	30.16	75	76	70		"		"	4	"			
6	"	Calm	0	30.14	72	73	70		"		Strat	7	"			
7	N.E.	"	0	30.15	72	73	70		"		"	7	"			
8	"	"	0	30.15	72	73	70		"		"	7	"			
9	"	"	0	30.19	71	69	67		F		None	10	"			
10	"	N.E.	1	30.20	71	68	66		"		"	10	"			
11	"	"	1	30.20	70	67	65		"		"	10	"			
Mid.	"	"	1	30.20	70	66	65		"		"	10	"			

Longitude by Chronometer from Afternoon Observations ☽

° ' "

Longitude by Chronometer from Observations \*

° ' "

Variation of the Compass by Amplitude observed at Sunset

° ' "

Variation of the Compass by at

° ' "

under the command of Commander A H. McCormick, U. S. Navy,  
Wednesday October 10<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant weather. Light airs from N.N.E. in first part of watch, and calm in latter part. Aneroid Barometer 30.30

Hal Mohr Lieut

From 4. to 8. A.M. Clear and pleasant. Light airs from S.W. and calm.

At 7 A.M. sent up Top gallant and Royal Yards Aneroid 30.30

Wainwright-Keeley Lieut

From 8 A.M. to Meridian. Cloudy and warm. Light airs from S.W. and calm Barometer steady. Aneroid 30.28. At 9.30 inspected and mustered at quarters Absent without leave J. Dempsey 'P.M.', F. A. Smith 'O.S.' and T. J. Markey 'P.M.' By order of Commanding Officer, awarded two hours extra duty to G. C. Ballou (P.M.) for not answering call for provisions, and growling at block. Exercised at unbending and bending sail

Admiral Ensign

Meridian until 4 P.M. Weather clear and pleasant. Light airs from S.W. to W.S.W. Barometer falling. Sent the bent connecting rod, and broken bonnets of air pump, and cylinder on shore to the machine shop. Shipped Fredrick Lee, as Ordinary Seaman, for the cruise of the ship. Aneroid Barometer 30.24.

Hal Mohr, Lieut

From 4 to 8 P.M. Mild pleasant weather. Light airs from W.S.W. and calm. Barometer falling slowly. Aneroid 30.28. At 4.45 mustered at quarters, and found the same absentees absent as at a.m. Sent down topgallant and royal yards at 4.50. J. Dempsey (P.M.) returned on board 58 hours over time

Admiral Ensign

8 to Mid night Weather clear and pleasant. Light airs from N.E. Barometer steady. Aneroid Barometer 30.29.

Hal Mohr, Lieut

Nov. 8 mid Examined and found to be correct.

Dec 14° 41' 48" S

Phase First Quarter.

W. J. Parker  
Lieut. and Navigator.

LOG of the UNITED STATES Steamer Essex, 3<sup>rd</sup> Rate, 6 Guns,  
Anchored Off Nagasaki, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored N.E.			N.E.	N.E.	1		30.18	70	65	65		Sc	Cu	9	S	
2	"	"	"	"	1		30.18	70	65	65		"	"	9	"	
3	"	"	"	"	1		30.16	68	65	64		"	"	9	"	
4	"	"	"	"	1		30.16	68	65	64		"	"	9	"	
5	"	"	"	"	1		30.16	66	63	64		b	-	10	"	
6	"	N.N.E.	N.N.E.	N.N.E.	1		30.15	67	64	64		Sc	Circum	8	"	
7	"	N.E.	N.E.	N.E.	1		30.15	68	65	64		"	"	9	"	
8	"	"	"	"	1		30.15	69	66	65		"	Cir	9	"	
9	"	N.N.E.	N.N.E.	N.N.E.	1		30.20	71	69	67		"	"	9	"	
10	"	"	"	"	2		30.21	71	72	68		"	"	9	"	
11	"	"	"	"	2		30.21	72	73	68		"	Circum	8	"	
Noon.	"	North	North	North	3		30.20	73	73	70		"	"	7	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

" "

Longitude by D. R. at Noon

" "

Latitude by Observations at Noon ☽

" "

Longitude by Chronometer from Forenoon Observations ☽

" "

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

" "

Variation of the Compass by Azimuth ☽ observed at

" "

Water expended during the preceding 24 hours

290 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2500 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

38 " 1480 "

P. M.																	
Anchored	North	N. by E.	2	30.18	75	73	70					Sc	Culum	6	S.		
2	" N.E.	N. E.	1	30.16	76	75	70					"	"	7	"		
3	" "	"	1	30.14	76	75	70					"	"	7	"		
4	" "	"	1	30.14	76	75	70					"	"	7	"		
5	" N.N.E.	N.N.E.	1	30.10	75	75	70					"	"	7	"		
6	" "	"	2	30.12	75	73	69					"	Cum and Cir Cum	7	"		
7	" North	North	2	30.13	75	70	67					"	"	6	"		
8	" "	"	2	30.13	73	70	67					"	"	4	"		
9	" "	"	2	30.18	73	70	68					"	"	4	"		
10	" N by E	N. by E	3	30.18	73	70	68					"	"	4	"		
11	" "	"	2	30.18	72	69	67					"	Cumulus and Stratus	2	"		
Mid.	" "	"	3	30.17	72	69	67					"	"	2	"		

Longitude by Chronometer from Afternoon Observations ☽

" "

Longitude by Chronometer from Observations \*

" "

Variation of the Compass by Amplitude      observed at Sunset

" "

Variation of the Compass by      at

" "

under the command of Commander W H McCormick, U. S. Navy,  
Thursday Oct 11<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a.m. Weather clear and pleasant. Gentle breeze from N.E. Barometer steady. Aneroid at end of watch 30.30. *C.P.M.*

From 4 to 8 a.m. Clear and pleasant. Light airs from N.N.E. and N.E. Barometer steady. Aneroid 30.32. At 7.30 crossed light yards, and loosed sail. Received on board in Pay Department 90 lbs fresh Beef and vegetables, and 72 loaves of bread for ships use *ADM. Ensign*

From 8 a.m. to Meridian. Weather clear and pleasant. Light gentle breeze from N.N.E. Barometer steady. A mechanic from the Machine Shop on shore, came on board to work on the broken parts of the engine. At 9.30 mustered and inspected crew at quarters. Exercised 1<sup>st</sup> Division at howitzer drill. 2<sup>nd</sup> at small arms 3<sup>rd</sup> at Gatling gun drill, and the Marines at small arms, and light artillery drill. Furled sail. Overhauled and marked the lower chain cables, and cleaned out, and whitewashed the chain lockers. The Japanese Gun-Boat 'Sei' went to sea. The undermentioned men were absent without leave at quarters.

F. A. Smith 'O.S.' T. J. Markey 'P.M.' Geo. Gorey 'P.M.' A. W. Kain 'P.M.' J. P. King 'Arm' and Chas Carter 'C.S.' Geo. Gorey 'P.M.' returned to ship at 11.15.  
Aneroid Barometer 30.30.

Meridian to 4 P.M. Weather clear and pleasant. Light airs from N.E. Barometer falling. Broke out, overhauled and restored sheet chain. A Japanese squadron of three vessels came in and anchored at 3.00. Sent an officer to board the Flagship with the usual offers of civilities. The Commanding Officer visited all three vessels officially. The German Man of War fired a salute of 13 guns in honor of the Japanese Admiral which was returned by the flagship, gun for gun. Aneroid at end of watch 30.21. *C.P.M.*

4 to 8 P.M. Weather pleasant. Light breeze from N.N.E. to N. Barometer steady. At 4.45 mustered at quarters. F. A. Smith 'O.S.' T. J. Markey 'P.M.' A. W. Kain 'P.M.' J. P. King 'Arm' and Chas Carter 'C.S.' being absent without leave. Sent down royal and topgallant yards. A. W. Kain 'P.M.' and T. J. Markey 'P.M.' came on board. Aneroid Barometer 30.28. *Lieut*

8 P.M. to Midnight. cloudy and pleasant. Light breeze from N.E. Aneroid at end of watch 30.18. *C.P.M.* *Lieut*

Moon 1/2 mid Examined and found to be correct.  
Dec 11° 27' 04" S  
Phase First Quarter

*W. H. Parker*  
Lieut and Navigator.

LOG of the UNITED STATES Steamer *Essex*, 3 Rate, 6 Guns,  
 Anchored off Nagasaki, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	North		N by W.	2		30.14	72	69	67			bc	cir cum cum	2	S	
2	"		"	3		30.12	71	69	67			"	"	2	"	
3	"		"	3		30.10	71	69	67			"	"	2	"	
4			N. E.	"	2	30.08	71	68	67			"	"	2	"	
5	"		"	2		30.06	71	68	66			"	"	1	"	
6			N.N.E.	N.N.E.	2	30.03	70	69	66			cc	cum	0	"	
7	"		"	2		30.03	70	69	66			"	cu cum cu strat	0	"	
8	"		"	2		30.03	70	70	66			"	"	0	"	
9			N by E.	N by E.	3	30.08	72	72	69			bc	ca cum cum	3	"	
10	"		"	3		30.09	72	72	69			"	ca strat	3	"	
11			North	North	3	30.07	73	74	70			"	"	5	"	
Noon.	"		"	3		30.04	74	75	71			"	"	5	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

"

Longitude by D. R. at Noon

"

Latitude by Observations at Noon ☽

"

Longitude by Chronometer from Forenoon Observations ☽

"

Current during the time      knots      fms. per hour, setting to the

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

"

Variation of the Compass by Azimuth ☽ observed at

"

Water expended during the preceding 24 hours

300 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2200 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

38 " 1180 "

P. M.																	
Anchored	North		N. E.	2		30.02	76	76	72			bc	cir cum	4	S		
2	"		"	2		30.00	77	77	73			"	"	4	"		
3			N. E.	"	2	29.98	77	77	70			"	"	3	"		
4	"		N.N.E.	3		29.96	76	76	70			"	"	3	"		
5			N by E.	"	4	29.96	76	74	71			"	"	3	"		
6	"		N. by E.	3.5		29.96	75	73	70			b. c. q.	"	4	"		
7	"		"	3.5		29.94	75	72	70			"	"	1	"		
8	"		"	3.5		29.93	74	72	70			"	"	2	"		
9	"		"	3.5		29.97	75	72	70			"	cir cum & minh	2	"		
10	"		"	2.4		29.98	75	72	70			"	"	4	"		
11	"		"	3.5		29.98	75	72	71			"	cir cum	5	"		
Mid.	"		"	3.5		29.98	74	72	71			"	"	6	"		

Longitude by Chronometer from Afternoon Observations ☽

"

Longitude by Chronometer from Observations \*

"

Variation of the Compass by Amplitude      observed at Sunset

"

Variation of the Compass by      at

"

under the command of

Commander A. H. McCormick

, U. S. Navy,

Friday Oct 12<sup>th</sup>

1883

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4. A.M. cloudy and cool. Gentle breeze from N.W. Barometer falling. Aneroid Barometer 30.20

W. W. Inn Lieut

4 to 8 A.M. Weather cloudy but pleasant. Light-breeze from N. by W to N.N.E. Barometer falling. Crossed topgallant yards. Aneroid Barometer 30.20

Karl Rohrer Lieut

8. A.M. to Meridian. Weather cloudy and pleasant. Gentle breeze from N. by E. Barometer rising. Called all hands clear ship for action at 9.30 and carried out the usual drill including general quarters, and rigging out torpedoes booms. At 11.00 the Commanding Officer of one of the Japanese men of war visited the ship officially and was received with the usual ceremonies. At 11.05 The Japanese Rear Admiral and staff visited the ship officially. Paraded the Marine Guard, beat to quarters upon his departure, the Officers assembling in full service dress. Aneroid at end of watch 30.13

C. H. C. Lieut

Meridian to 4 P.M. cloudy and sultry first part, cool and pleasant latter part. Gentle breeze from the N.E. shifting to N.N.E. wind freshening. Commanding officer of one of the Japanese men of war paid an official visit to the ship, and was received with the customary ceremonies. Hoisted out both piston rods and the crossheads of the low pressure engine. While getting out forward piston rod, the Port Main Top button parted, carrying away two plates of the engine room floor, and four steps of Engine room ladder. Aneroid. Barometer 30.07.

W. W. Inn Lieut

From 4 to 8 A.M. Weather cloudy and squally. Barometer falling. Exercised at Fire Quarters, at 5.34 mustered at quarters 4.45. J. P. King 'Arm' was brought on board by the Police Authorities in response to a reward of Ten Dollars. Shortly after he escaped from the ship, trading the officer of the deck and sentries, and got ashore in a sampan. Aneroid at end of watch 30.08. Towed to 45 fathoms cable at hawse hole

C. H. C. Lieut

8 P.M. to Midnight. Cloudy and cool. Strong breeze with frequent squalls from N. by E. Barometer rising slowly. Sent ashore an offer of <sup>one</sup> Ten Dollars, for the apprehension and delivery on board of J. P. King. (Amorer) Aneroid Barometer 30.08

W. W. Inn Lieut

Moon 1 mid Examined and found to be correct.

Dec 7° 28' 51" S

Phase First Quarter.

W. H. Parker  
Lieut. and Navigator.

LOG of the UNITED STATES

Steamer "Essex"

3 Rate,

6 Guns,

Anchored off Nagasaki Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	North		N by W.		2		30.14	71	69	67		bc	cu cum + cum	2	1	S
2	"	"	"	"	3		30.12	71	69	67		"	"	2	"	
3	"	"	"	"	3		30.10	71	69	67		"	"	2	"	
4	"	N x E	"	"	2		30.08	71	68	67		"	"	2	"	
5	"	"	"	"	2		30.06	71	68	66		"	"	1	"	
6	"	NN E.	NN E.		2		30.03	70	69	66		oc	cu cum + strat	0	"	
7	"	"	"	"	2		30.03	70	69	66		"	"	0	"	
8	"	"	"	"	2		30.03	70	70	66		"	"	0	"	
9	"	N by E	N by E.		3		30.08	72	72	69		bc	cu cum + strat	3	"	
10	"	"	"	"	3		30.09	72	72	69		"	"	3	"	
11	"	North	North		3		30.07	73	74	70		"	"	5	"	
Noon.	"	"	"	"	3		30.04	74	75	71		"	"	5	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

310      gallons.

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1890      "

Coal consumed during the preceding 24 hours

tons 300      lbs.

Coal remaining on hand at Noon

38 " 880 "

P. M.																	
Anchored	North		N E.		2		30.02	76	76	72		bc	cu cum	4	S		
2	"	"	"	"	2		30.00	77	77	73		"	"	4	"		
3	"	N.E.	"	"	2		29.98	77	77	70		"	"	3	"		
4	"	"	NN.E.		3		29.96	76	76	70		"	"	3	"		
5	"	N by E.	"	"	4		29.96	76	74	71		"	"	3	"		
6	"	"	N by E.		3.5		29.96	75	73	70		b c g	"	4	"		
7	"	"	"	"	3.5		29.94	75	72	70		"	"	1	"		
8	"	"	"	"	3.5		29.93	74	72	70		"	"	2	"		
9	"	"	"	"	3.5		29.91	75	72	70		"	cu cum and nimbus	2	"		
10	"	"	"	"	2.4		29.98	75	72	70		"	"	4	"		
11	"	"	"	"	3.5		29.98	75	72	71		"	cu cum	5	"		
Mid.	"	"	"	"	3.5		29.98	74	72	71		"	"	6	"		

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of Commander A. H. Mc Cormick, U. S. Navy,  
Saturday October 13<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy greater part of watch light drizzle of rain at end of watch. Moderate wind with occasional strong puffs from North. Barometer falling slowly. Aneroid at end of watch 30.08.

W. M. Smith - Rec'd 4 lbs Fresh Beef, Vegetables and 73 loaves of Bread. Aneroid at end of watch 30.17

8 A.M. to Meridian. Pleasant weather. Moderate breeze from N. E. Barometer rising slowly. Went to quarters at 9<sup>30</sup>. Aired bedding and painted hammock cloths. Aneroid Barometer 30.17

W. M. Smith - Rec'd 4 lbs Fresh Beef, Vegetables and 73 loaves of Bread. Aneroid at end of watch 30.17

Meridian to 4 P.M. Cloudy, pleasant. Light breeze from North. H. B. M. Ship Flying Fish came in and anchored. Sent an Officer with the usual offer of civilities. Received an official visit from Officer from Japanese Flag-Ship inviting Captain and Officers to festival on 16<sup>th</sup> Aneroid 30.18

W. M. Smith - Rec'd 4 lbs Fresh Beef, Vegetables and 73 loaves of Bread. Aneroid at end of watch 30.17

4 to 8 P.M. Cloudy and pleasant. Light breeze from North. H. B. M. Ship Flying Fish came in and anchored. Sent an Officer with the usual offer of civilities. Received an official visit from Officer from Japanese Flag-Ship inviting Captain and Officers to festival on 16<sup>th</sup> Aneroid 30.18

W. M. Smith - Rec'd 4 lbs Fresh Beef, Vegetables and 73 loaves of Bread. Aneroid at end of watch 30.17

8 P.M. to Midnight. Cloudy, pleasant. Light airs from N.E. Clear and Moonlight. Aneroid Barometer 30.20

W. M. Smith - Rec'd 4 lbs Fresh Beef, Vegetables and 73 loaves of Bread. Aneroid at end of watch 30.17

Noon. L. mid Examined and found to be correct.

Dec 2° 57' 12" S

Phase First Quarter.

W. H. Parker  
Lieut and Navigator.

LOG of the UNITED STATES

Steamer "Essex"

3 Rate,

6 Guns,

Anchored off Nagasaki Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10hrs.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
	Anchored North		Salm	0			30.13	72	70	67		bc	Cum. and Cir. Cum	1	S	
2	"	"	"	0			30.13	72	70	67		"	"	1	"	
3	"	N.W.	"	0			30.10	72	69	67		"	"	2	"	
4	"	N.N.W.	"	0			30.10	70	68	67		"	Cirro. Cum	1	"	
5	"	N by E	"	0			30.13	69	68	67		"	Cirro. Cum and nimbus	2	"	
6	"	"	N.E.	1			30.13	70	68	67		"	Cum. stratus	4	"	
7	"	N.N.E.	"	1			30.15	70	68	67		"	"	5	"	
8	"	"	"	1			30.19	71	68	67		"	Cir. Cum	6	"	
9	"	North	North	1			30.15	75	71	68		"	"	7	"	
10	"	"	"	1			30.15	74	72	70		"	"	7	"	
11	"	"	"	1			30.15	74	72	70		"	"	7	"	
Noon.	"	"	South	1			30.15	74	73	69		"	"	7	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

300

gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1590

"

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

38 "

"

P. M.																
1	"	S.W.	S.W.	1			30.15	75	74	70		bc	Cir. Strat	6	S	
2	"	"	"	1			30.15	75	74	70		"	"	4	"	
3	"	"	S.S.W.	1			30.15	75	75	70		"	"	5	"	
4	"	"	"	1			30.15	75	75	71		"	Cir. Cum	5	"	
5	"	W by S	S.W.	1			30.15	75	75	72		"	"	5	"	
6	"	"	Salm	0			30.15	75	75	72		"	"	5	"	
7	"	N by E.	N by E.	1			30.13	73	73	71		"	"	2	"	
8	"	"	"	1			30.16	73	73	71		"	"	3	"	
9	"	"	N.E.	1			30.19	74	71	69		"	Cirro. Cum & Cum	4	"	
10	"	"	"	1			30.19	74	70	69		"	"	2	"	
11	"	N.N.E.	N.N.E.	1			30.19	72	71	69		"	"	1	"	
Mid.	"	"	Salm	0			30.19	72	71	69		"	"	1	"	

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of Commander A. H. W<sup>c</sup> Cormick, U. S. Navy,  
Sunday October 14<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

From midnight to 4 A.M. Weather cloudy and mild. Calm all the watch. Barometer falling slowly. Aneroid 30.22.

H. D. Dunn. Ensign

4 to 8 A.M. Pleasant weather. Calm first part. Light airs from N.E. latter part, from. Barometer rising. Received on board in Paymaster's Department, 90 lbs of Fresh beef and vegetables, and 80 loaves of bread. Aneroid. Barometer 30.24

W.W. Brown <sup>11 m.s.</sup> Lieut

8 to Meridian. Clear and pleasant. light breeze from North, first three hours of watch hawling to Southward last hour. At 9<sup>30</sup> mustered at quarters and Commanding Officer inspected the ship, and crew. Aneroid 30.25. Wainwright-Keeley <sup>w.k.</sup> Lieut

From Meridian to 4 P.M. Cloudy and pleasant. Light airs from S.W. an S.S.W. Barometer steady. Aneroid 30.22. Visiting parties from German, and Japanese, men of war came on board.

H. D. Dunn. Ensign

4 to 8 P.M. Cloudy, slightly hazy. Light variable airs, and Calms. Aneroid 30.22.

Wainwright-Keeley <sup>w.k.</sup> Lieut.

From 8 P.M to midnight. Cloudy and mild. Light airs from N.E. and Calms. Barometer steady. Aneroid 30.26. At 9<sup>30</sup> Mail Steamer from Yokohama came in.

H. D. Dunn. Ensign

Morn. 1. mid Examined and found to be correct.  
Dec. 1° 52' 36" N.  
Phase First Quarter.

W. J. Parker  
Lieut and Navigator.

LOG of the UNITED STATES

Steamer "Essex"  
Nagasaki, Japan.

3 Rate,

6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	North		Balm	0			30.19	72	71	70		Sc	Cir Cum 8 Cum	2	S	
2	"	"	N	1			30.19	71	71	70		"	"	3	"	
3	"	"	N.N.E.	1			30.19	71	71	70		"	"	4	"	
4	"	"	"	1			30.19	71	71	69		"	"	4	"	
5	"	"	"	1			30.15	70	68	68		"	"	8	"	
6	"	"	Balm	0			30.15	70	68	68		"	"	5	"	
7	"	N.N.E.	N.N.E.	1			30.14	70	68	68		"	Cum and Cir Cum	4	"	
8	"	"	"	1			30.14	70	68	67		"	"	4	"	
9	"	"	Balm.	0			30.19	72	69	69		"	"	4	"	
10	"	"	"	0			30.19	72	71	69		"	"	5	"	
11	"	"	"	0			30.19	73	73	70		"	"	5	"	
Noon.	"	"	"	0			30.18	73	73	70		"	"	4	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

340 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1250 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

38 " 280 "

P. M.																	
Anchored	S.W.		W.S.W.	2			30.15	76	74	71		Sc	Cu Cum	4	S		
2	"	"	"	2			30.15	76	74	71		"	"	5	"		
3	"	"	S.W. by W.	2			30.15	76	74	71		"	"	5	"		
4	"	"	"	2			30.15	76	74	71		"	"	5	"		
5	"	"	S.W.	1			30.13	75	74	71		"	"	5	"		
6	"	W.S.W.	W.S.W.	1			30.13	74	74	71		"	"	5	"		
7	"	"	N.E.	1			30.17	72	73	72		"	"	7	"		
8	"	N.E.	"	1			30.18	73	71	70		"	"	7	"		
9	"	"	N.N.E.	1			30.16	73	71	70		"	Cu	9	"		
10	"	"	"	1			30.16	73	71	70		"	"	9	"		
11	"	"	"	0.1			30.14	73	70	69		Sc	-	10	"		
Mid.	"	"	"	1			30.14	73	70	69		"	-	10	"		

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander. A. H. W. McCormick.

, U. S. Navy,

Monday October 15<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

From commencing and until 4 A.M. Weather pleasant. Light airs from N.E. Barometer steady. Aneroid Barometer. 30.26

Karl Krueger, Lieut

4 to 8 A.M. Pleasant. Light variable airs, and calms. At 7<sup>30</sup> crossed royal yards  
Aneroid 30.30

Winnipeg - Keeweenaw

Lieut

From 8 A.M. to Meridian. Cloudy and pleasant. Calm all the watch. Barometer steady. Aneroid 30.26. At 9<sup>30</sup> mustered at quarters, and drilled as per routine. At 10<sup>00</sup> drilled battalion. By order of Commanding Officer, placed John P. King 'Am' in solitary confinement for five days on bread and water for leaving ship without permission. Enlisted for the cruise Wm C. Ballip as Ordinary Seaman and Harry Holst as landsman. Received U.S. Mail. At 10<sup>45</sup> Commanding Officer of H.B. W.S. "Flying Fish" paid an official visit on board

H. D. Dunn, Ensign

Meridian to 4 P.M. Weather clear and pleasant. Light breeze from W.S.W. to S.W. x W. Barometer steady. Discharged Hong King Lds 'at his own request. An. Barometer 30.32

Karl Krueger, Lieut

From 4 to 8 P.M. Weather pleasant, and cloudy. Light airs from S.W. to N.E. Barometer rising. Aneroid 30.26. At 4<sup>45</sup> mustered at quarters. Sent down royal and top gallant <sup>topgallant</sup> at sunset

H. D. Dunn, Ensign

8 A.M. to Midnight. Clear and pleasant. Light breeze from N.E. Barometer steady. A display of fire works on shore. The Japanese men of war displaying electric lights. Aneroid Barometer. 30.30

Karl Krueger, Lieut

Mom. l. mid Examined and found to be correct.

Dec 6° 41' 45" N.

Phase Full moon.

W. H. Parker  
Lieut and Navigator.

LOG of the UNITED STATES

*Steamer "Essex"*  
Anchored off Nagasaki Japan.

3 Rate,

6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	N.W.E.		N.W.E.	1			30.14	75	67	67		bc	circum	7	8	
2	"		"	1			30.14	75	67	67		"	"	9	"	
3	"		N.W.	1			30.14	72	66	66		bc	-	10	"	
4	"		North	1			30.14	68	66	66		"	-	10	"	
5	"		"	Balm	0		30.18	67	65	65		bc	cir	9	"	
6	"		"	N.W.E.	1		30.19	67	65	65		"	cum and strt	7	"	
7	"		"	"	1		30.19	67	65	65		b.c.m.	circum	7	"	
8	"		"	Balm	0		30.20	69	66	66		"	"	6	"	
9	"		"	N.W.E.	1		30.20	72	69	69		bc	"	5	"	
10	"		"	"	1		30.20	72	75	70		"	"	4	"	
11	"		"	N	1		30.20	72	75	69		"	"	8	"	
Noon.	"		"	"	1		30.20	72	75	69		"	"	7	"	

Distance run by Log since preceding Noon

knots fathoms.

Latitude by D. R. at Noon

° ' "

Longitude by D. R. at Noon

° ' "

Latitude by Observations at Noon ☽

° ' "

Longitude by Chronometer from Forenoon Observations ☽

° ' "

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

° ' "

Variation of the Compass by Azimuth ☽ observed at

° ' "

Water expended during the preceding 24 hours

280 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

970 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

37 " 2220 "

P. M.																
Anchored	North		North	1			30.18	73	72	69		bc	circum	7	8	
2	"	N.W.W.	N.W.	1			30.15	74	73	69		"	"	6	"	
3	"	West	West	2			30.15	75	74	71		"	"	7	"	
4	"	"	"	2			30.17	75	75	71		"	"	7	"	
5	"	"	N.W.	2			30.19	74	74	69		"	cir	9	"	
6	"	"	"	1			30.19	74	72	69		"	"	9	"	
7	"	S.E.	S.W.E.	1			30.17	73	72	69		"	"	9	"	
8	"	"	"	1			30.17	73	72	69		"	"	9	"	
9	"	East	East	1			30.20	71	69	68		"	"	9	"	
10	"	N.E.	N.E.	1			30.20	70	68	67		"	"	9	"	
11	"	"	"	1			30.19	68	67	66		f	-	10	"	
Mid.	"	"	"	1			30.19	68	66	65		bc	circum	9	"	

Longitude by Chronometer from Afternoon Observations ☽

° ' "

Longitude by Chronometer from Observations \*

° ' "

Variation of the Compass by Amplitude      observed at Sunset

° ' "

Variation of the Compass by      at

° ' "

under the command of

Commander A. H. Mc Cormick

, U. S. Navy,

Tuesday October 16<sup>th</sup>

, 1883

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather clear and pleasant. Bright moonlight  
Light airs from N<sup>W</sup> and E<sup>S</sup>. Barometer steady. Aneroid at end of watch 30.28

G. H. L. Lieut. C.P.R.C.

From 4 to 8 A.M. Generally cloudy but pleasant. Misty, light airs from N.N.E. and  
calm. Barometer rising slowly. Aneroid 30.32. Received on board in Pay Department  
9 lbs of fresh beef and vegetables and 73 loaves of bread

F. D. Summ. Ensign

8 to Meridian. Light airs from N to N.N.E. Barometer steady. Some cumulus clouds.  
Mustered and inspected at quarters at 9<sup>30</sup>, exercising gun divisions at great guns,  
afterwards hoisted out boats and equipped for landing, had boat drill. Enlisted  
for cruise of this vessel John M. McCann as 'O.S. & F' and Ah man a Lds.  
Aneroid Barometer 30.30.

Karl Mohr, R.N. Lieut.

From Meridian to 4 P.M. Weather clear and pleasant. Light variable airs. Barometer  
steady. Aneroid at end of watch 30.25.

G. H. L. Lieut.

4 to 8 P.M. Clear and pleasant. Light airs from E.N.E. Sent down topgallant  
yards. Aneroid 30.28. At 5<sup>30</sup> H.M.S. "Curacou" came in and anchored, sent  
an officer with the usual offers of civilities

Karl Mohr, Lieut.

8 P.M to midnight. Weather clear and pleasant. Light airs from N<sup>W</sup> and E<sup>S</sup>  
Barometer steady. Aneroid at end of watch 30.30

G. H. L. Lieut.

Moon. 6. mid. Examined and found to be correct.

Dec. 11° 08' 32" N

Phase. Full moon.

W. M. Parker  
Lieut. and Navigator.

LOG of the UNITED STATES

Steamer "Essex"

3 Rate,

6 Guns,

Anchored off Nagasaki Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored N.W.E.			Balm	0			30.20	68	66	65		bc	Circum	8	S	
2	"		"	0			30.20	67	65	65		"	"	5	"	
3	"		"	0			30.20	67	65	65		"	"	7	"	
4	"		"	0			30.20	67	64	64		"	"	8	"	
5	"		"	N.W.E.	1		30.19	67	64	64			"	7	"	
6	"		"		1		30.19	67	64	64		bc.m.	"	6	"	
7	"		"		1		30.21	69	65	65		"	"	8	"	
8	"		"		1		30.21	70	65	65		bc	"	8	"	
9	"		N by E.	N.W.W.	1		30.22	70	68	67		"	"	8	"	
10	"		N.E.	N.N.E.	1		30.25	72	71	69		"	"	6	"	
11	"		E.N.E.		1		30.25	73	73	69		"	"	4	"	
Noon.	"		"		1		30.25	73	73	69		"	"	6	"	

Distance run by Log since preceding Noon

knots fathoms.

Latitude by D. R. at Noon

° ' "

Longitude by D. R. at Noon

° ' "

Latitude by Observations at Noon ☽

° ' "

Longitude by Chronometer from Forenoon Observations ☽

° ' "

Current during the time knots fms. per hour, setting to the

° ' "

Variation of the Compass by Amplitude ☽ observed at Sunrise

° ' "

Variation of the Compass by Azimuth ☽ observed at

° ' "

Water expended during the preceding 24 hours

300 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

670 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

37 " 1920 "

P. M.																	
Anchored	North	Variable	0.1		30.23	74	73	70			bc	Circum	6	S			
2	"	"	0.1		30.21	74	73	69			"	"	6	"			
3	"	"	0.1		30.21	74	74	68			"	"	7	"			
4	"	"	0.1		30.20	75	75	70			"	"	7	"			
5	"	"	0.1		30.20	75	75	70			"	"	6	"			
6	"	Balm.	0		30.20	75	74	70			"	"	5	"			
7	"	N.W.E.	0		30.22	75	73	69			"	"	4	"			
8	"	N.E. by N.	N.E. by N.	1	30.23	75	72	68			"	Cirro Cum and Cum.	7	"			
9	"	N.E.	N.E.	1	30.25	74	70	67			b.c.m.	Cirro Cum and Cum.	6	"			
10	"	"	2		30.24	73	70	67			"	"	6	"			
11	"	E.N.E.	E.N.E.	2	30.22	72	69	66			bc	"	6	"			
Mid.	"	"	2		30.21	71	69	66			"	"	7	"			

Longitude by Chronometer from Afternoon Observations ☽

° ' "

Longitude by Chronometer from Observations \*

° ' "

Variation of the Compass by Amplitude observed at Sunset

° ' "

Variation of the Compass by at

° ' "

under the command of Commander A. H. McCormick, U. S. Navy,  
Wednesday October 17<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A. M. W. Clear and calm, bright moonlight.  
Barometer steady. Aneroid Barometer 30.30.

W. W. Smirn <sup>w.m.s</sup> Lieut.

4 to 8 A.M. Weather clear and pleasant. Light airs from N. N. E. Barometer rising.  
Crossed topgallant yards. Aneroid Barometer 30.25

Karl Kohler, Lieut <sup>2nd R</sup>

8 A. M. to Meridian. Weather clear and pleasant. Light variable airs. Barometer rising. At 8 A. M. S. "Curacoa" fired a national salute of 21 guns with the Japanese flag at the main. The salute was returned gun for gun, from the battery on shore. At 8.25, the "Curacoa" fired a salute of 13 guns with the Japanese flag at the fore, which was returned gun for gun by the Japanese Flag ship. At 9.20, an officer from the "Curacoa" came on board to return thanks for courtesies. At 10.10, the Commanding Officer of "Curacoa" visited the ship officially. At 11.20, the English Consul visited the ship. A gang of caulkers commenced work on deck at 9.30. Aneroid at end watch 30.27.

G. H. L. Lieut.

Meridian to 4 P.M. Clear and warm. Light variable airs. Caulkers from shore  
at work on Topgallant Forecastle. Aneroid Barometer 30.28.

W. W. Smirn <sup>w.m.s</sup> Lieut.

7 to 8 P.M. Weather clear and pleasant. Light variable airs and calms. Barometer steady. Mustered at quarters at 4<sup>45</sup>. Aneroid at end of watch 30.32.

G. H. L. Lieut

From 8 P.M. to midnight. Calm and pleasant. Gentle breeze from N. E. to E. N. E.  
Barometer falling slightly. Aneroid Barometer 30.31.

W. W. Smirn <sup>w.m.s</sup> Lieut.

Mon. l. mid Examined and found to be correct.

Dec. 14° 51' 18" N.

Phase. Full moon.

T. W. Parker  
Lieut and Navigator.

LOG of the UNITED STATES

Steamer "Essex"

3 Rate,

6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	E.N.E.		S.N.E.	1			30.20	72	69	65		bcm	civ	9	1	
2	"		"	1			30.20	70	68	65		"	"	9	"	
3	"		"	1			30.20	69	67	63		"	"	9	"	
4	"		N.N.E.	N.N.E.	2		30.20	67	64	62		"	"	9	"	
5	"		N.N.W.	N.N.W.	1		30.21	66	63	61		bc	circum	5	"	
6	"		North.	North.	1		30.21	65	63	61		"	"	6	"	
7	"		N.E.	Balm.	0		30.24	66	63	62		"	"	6	"	
8	"		N by E.	North	1		30.26	68	64	62		"	"	4	"	
9	"		"	N.N.W.	1		30.28	69	69	67		"	"	4	"	
10	"		"	"	1		30.28	70	71	68		"	"	3	"	
11	"		E.N.E.	E.N.E.	1		30.29	72	72	69		"	circum and nimbus	2	"	
Noon.	"		"	"	1		30.29	72	73	69		"	"	3	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

340

gallons.

Water distilled during the preceding 24 hours

450

"

Water remaining on hand fit for use at Noon

330

"

Coal consumed during the preceding 24 hours

tons 300

lbs.

Coal remaining on hand at Noon

37 "

1620

P. M.																
Anchored	E.S.E.		E.S.E.	1			30.26	73	73	69		bc	cum and cir cum.	4	1	
2	"		"	1			30.24	74	75	71		"	"	5	"	
3	"		S.E.	1			30.24	75	75	70		"	"	4	"	
4	"		"	1			30.26	75	75	70		"	"	3	"	
5	"		"	1			30.25	75	75	72		"	"	3	"	
6	"		W.S.W.	Balm.	0		30.25	75	75	72		bcm	"	5	"	
7	"		"	0			30.25	75	75	72		"	civ	9	"	
8	"		N.N.E.	North.	1		30.25	75	75	72		"	cum cum and cir cum.	5	"	
9	"		"	1			30.27	72	70	68		bc m.	cum cum and cir cum.	7	"	
10	"		"	N.N.E.	1		30.28	71	70	68		"	"	5	"	
11	"		"	1			30.28	71	70	68		"	"	6	"	
Mid.	"		"	1			30.28	71	69	67		"	"	6	"	

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of Commander A. H. McCormick.

, U. S. Navy,

Thursday October 18<sup>th</sup>.

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Hazy, Pleasant. Light variable airs. Moonlight Aneroid 30.30

Winnifred Keeney

W.R. Lieut

From 4 to 8 A.M. Weather clear and pleasant. Light variable airs and calm's Barometer rising. Aneroid at end of watch. 30.40.

A. H. Lieut.

8 A.M. to Meridian. Generally cloudy. Light airs from N.N.W. hauling to E.N.E. Mustered at quarters at 9<sup>30</sup>. Sent an officer on board the Russian Gunboat "Tobol" which came in during the night, to tender the usual courtesies. The Commanding Officer paid an official visit to H.B.M.S. "Curacao". At 11<sup>35</sup> the "Curacao" left the harbor. Sailors from shore at work on quarter-deck. Aneroid Barometer 30.35.

W.M. Irvin Lieut

Meridian to 4 P.M. Clear and warm. Light airs from E.S.E. Received an official visit from Commanding Officer of Russian Gunboat. 44 Sailors at work on board 3 hours of watch. Aneroid 30.30.

Winnifred Keeney

Lieut

4 to 8 P.M. Partly cloudy. Light airs from E.S.E. and calm. Mustered at quarters at 4<sup>45</sup>. Started 2 fires for distilling at 5. W. Riley 'O.S.' came on board 35 hours over time

W.M. Irvin W.M. Lieut

8 P.M. to midnight. Hazy, pleasant. Light airs from N.E. Moonlight Distilling. Aneroid 30.35.

Winnifred Keeney

Lieut.

Moon l. mid Examined and found to be correct.

Dec 17° 30' 46" N

Phase Full moon.

W. H. Parker  
Lieut and Navigator.

LOG of the UNITED STATES

*Steamer "Essex."*  
Anchored off Nagasaki, Japan.

3 Rate, 6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Clear Sky, in 10ths.	State of the Sea.	Record of the sea the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	N.E.		Balm	0			30.24	70	69	68		lc	cir	8	8	
2	"	"	N.N.E.	1			30.26	70	69	68		"	Cum cir. cum	2	"	
3	"	"	"	1			30.24	69	69	68		"	"	0	"	
4	"	E.S.E.	E.S.E.	1			30.23	70	69	68		"	"	2	"	
5	"	"	Balm	0			30.25	71	71	69		"	"	3	"	
6	"	S.E.	"	0			30.23	71	71	69		"	"	4	"	
7	"	"	"	0			30.23	72	73	70		"	"	5	"	
8	"	"	S.E.	1			30.23	73	73	70		"	"	5	"	
9	"	"	"	1			30.25	73	73	70		"	"	5	"	
10	"	E.S.E.	East.	1			30.26	73	73	70		"	"	4	"	
11	"	South.	S.S.W.	1			30.25	74	75	71		"	"	4	"	
Noon.	"	"	"	4			30.20	75	75	71		bcg.	"	6	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time

knots

fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

300 gallons.

Water distilled during the preceding 24 hours

3,000 "

Water remaining on hand fit for use at Noon

3480 "

Coal consumed during the preceding 24 hours

2 tons 15-20 lbs.

Coal remaining on hand at Noon

35 " 100 "

P. M.																	
Anchored	S.S.W.	S.S.W.	2.4				30.20	76	77	73		bcg.	cir Cum	3	8		
2	"	S. by E.	S. by E.	2.4			30.20	78	78	74		"	"	4	"		
3	"	"	"	2.4			30.20	78	78	74		"	cir Cum and Cum	7	"		
4	"	"	"	2			30.20	77	77	73		lc	"	6	"		
5	"	S.S.W.	S.S.W.	2			30.22	76	78	73		"	cir. Cum	8	"		
6	"	"	"	2			30.22	77	77	73		"	"	8	"		
7	"	"	"	2			30.22	77	77	73		"	"	8	"		
8	"	"	"	2			30.22	77	77	73		"	"	8	"		
9	"	"	"	1			30.22	77	77	72		"	"	7	"		
10	"	S.S.E.	"	1			30.22	77	76	73		OC	Cum cir Cum	6	"		
11	"	South	South	2			30.22	76	76	73		"	"	4	"		
Mid.	"	"	"	3			30.22	76	76	73		"	"	3	"		

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude observed at Sunset

°

"

Variation of the Compass by at

°

"

under the command of Commander A H McCormick, U. S. Navy,  
Friday October 19<sup>th</sup>, 1883

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. cloudy and mild. Light airs from N.N.E. and E.S.E. Barometer fluctuating. Aneroid 30.35. Distilling

H. D. Dunn. Ensign.

4 to 8 A.M. Pleasant weather. Calm. Barometer steady. At 5<sup>20</sup> a mail steamer came in and anchored. At 7<sup>20</sup> a gang of caulkers from shore came on board and commenced on Main Deck. Aneroid Barometer 30.34

W. W. Orwin Lieut.

8 A.M. to Meridian. Clear and warm. Light breeze from S.E. at commencement of watch, hauling to the E. and then to S.S.W. and freshening. At 9<sup>30</sup> mustered at quarters. Commanding Officer paid official visit to Russian Gun boat. and Japanese Flag-ship. 47 caulkers engaged at work on decks during entire watch. Aneroid 30.32. Distilling.

W. M. Kellogg W.R. Lieut.

From Meridian to 4 P.M. Weather pleasant and cloudy. Wind blowing in puffs from S.S.W. and S by E. Barometer steady. Aneroid 30.27. Riding to wind. Gang of caulkers at work on deck. Distilling.

H. D. Dunn. Ensign.

4 to 8 P.M. Clear and pleasant. Light airs from S.S.W. At 4.45 mustered at quarters. 47 Caulkers at work on deck one hour of watch. Distilling. Aneroid 30.28

W. M. Kellogg W.R. Lieut.

From 8 P.M. to Midnight. Overcast and pleasant. Light airs to gentle breezes from S.S.W. and S. Barometer steady. Aneroid 30.30. At 8.50 stopped distilling and hauled fires

H. D. Dunn. Ensign

Nov. 1 mid. Examined and found to be correct.

Dec. 18° 56' 53" N

Phase. Full moon

W. S. Parker  
Lieut and Navigator.

LOG of the UNITED STATES

Steamer "Essex"

3 Rate,

6 Guns,

Anchored off Nagasaki Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	S by W.		S by W.	2			30.24	75	75	72		bc	cum nimbl	1	S	
2	"	"	"	2			30.22	75	75	72		"	"	1	"	
3	"	"	"	1			30.22	75	75	72		oc	"	0	"	
4	"	"	"	1			30.22	75	75	72		"	"	0	"	
5	"	"	"	1			30.21	75	74	72		"	"	0	"	
6	"	S	S.S.E.	1			30.20	75	75	73		"	"	0	"	
7	"	"	"	1			30.20	75	74	72		bc	cum and strat	3	"	
8	"	"	"	1			30.20	75	74	72		"	"	4	"	
9	"	"	"	1			30.20	75	74	72		"	cal cum	5	"	
10	"	S.S.W.	S.S.W.	1			30.22	78	76	74		"	"	6	"	
11	"	"	"	1			30.22	78	77	74		"	"	3	"	
Noon.	"	S.W.	"	1			30.20	79	77	74		"	"	3	"	

Distance run by Log since preceding Noon

knots      fathoms.

Latitude by D. R. at Noon

°      '      "

Longitude by D. R. at Noon

°      '      "

Latitude by Observations at Noon ☽

°      '      "

Longitude by Chronometer from Forenoon Observations ☽

°      '      "

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°      '      "

Variation of the Compass by Azimuth ☽ observed at

°      '      "

Water expended during the preceding 24 hours

350      gallons.

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

3130      "

Coal consumed during the preceding 24 hours

tons 2100      lbs.

Coal remaining on hand at Noon

34 " 240 "

P. M.																
Anchored	S.S.W.	S.S.W.	1				30.20	77	77	74		bc	cum	1	S	
2	" West	"	1				30.18	76	76	73		"	"	1	"	
3	" S.S.W.	"	2				30.16	77	76	74		"	"	1	"	
4	" S.W.	S.W.	2				30.16	77	76	74		"	"	1	"	
5	" "	"	1				30.16	77	76	74		bcp	cum strat and nimbl	2	"	
6	" "	Calm	0				30.16	77	76	74		bc	cum nimbl	1	"	
7	" "	S.W.	1				30.17	77	77	75		"	"	4	"	
8	" "	N.W.W.	2				30.17	77	77	75		bcp	"	4	"	
9	" W.W.W.	"	0.1				30.16	77	77	76		bc	cum nimbl	5	"	
10	" N.E.	Calm	0				30.16	76	76	75		"	"	3	"	
11	" "	"	0				30.16	76	76	75		"	"	2	"	
Mid.	" "	"	N.N.E.	1			30.18	76	76	75		"	"	2	"	

Longitude by Chronometer from Afternoon Observations ☽

°      '      "

Longitude by Chronometer from Observations \*

°      '      "

Variation of the Compass by Amplitude      observed at Sunset

°      '      "

Variation of the Compass by      at

°      '      "

under the command of

Commander A. H. McCormick

, U. S. Navy,

Saturday, October 30<sup>th</sup>

, 1883

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather cloudy. Light airs from S. W. Barometer steady. Aneroid Barometer 30.29.

4 to 8 A.M. Cloudy, warm. Light wind from S.S.E. At 7<sup>o</sup> 47 Caulkers came on and worked on deck. Aneroid 30.29.

Karl Kohler, Lieut

W. C. Manning - Keeling

From 8 A.M. to Meridian. Weather pleasant and cloudy. Light airs from S.S.W. Barometer steady. Aneroid 30.28. At 9<sup>30</sup> inspected at quarters. By order of Commanding Officer placed G. Nagle 'U.S.' in solitary confinement on bread and water for three days for disobedience of orders. Gang of caulkers at work on deck.

H. D. Dunn, Ensign

Meridian to 4 P.M. Weather cloudy but pleasant. Light breeze from S.S.W. Barometer falling. The caulkers finished caulking and left the ship at 1. The Japanese squadron got under way and steamed out of the harbor at 1.45. Aneroid barometer 30.23

Karl Kohler, Lieut

From 4 to 8 P.M. Overcast and cloudy with light passing showers of rain. Light airs and breezes from S.W. and W.N.W. Barometer steady. Aneroid 30.24. Expended in exercise nine '9' Very signal cartridges.

H. D. Dunn, Ensign

From 8 to midnight. Weather somewhat cloudy. Passing showers of rain in first part of watch. Light air from W.N.W. first part of watch and calm latter part. Barometer steady. Aneroid Barometer 30.25

Karl Kohler, Lieut

Moon. b. mid Examined and found to be correct.

Dec 19° 04' 13" N

Phase Full moon.

W. H. Parker  
Lieut and Navigator.

LOG of the UNITED STATES

Steamer "Essex."

3 Rate,

6 Guns,

Anchored off Nagasaki, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	N.E.		N.E.	1			30.18	75	73	72		bc	circum	3	8	
2	"		"	1			30.18	75	73	72		"	"	3	"	
3	"		"	1			30.18	74	72	71		"	"	5	"	
4	"		"	1			30.18	73	72	71		"	"	1	"	
5	"		Salm	0			30.19	73	72	71		"	cirr strat	8	"	
6	"		N by W	N by W	1		30.19	73	71	70		"	"	6	"	
7	"		N.N.E.	N.N.E.	1		30.21	72	70	69		"	cirr-cum cirr strat	5	"	
8	"		"	"	1		30.23	72	70	69		"	"	5	"	
9	"		N.N.W.	"	1		30.23	72	70	68		"	"	6	"	
10	"		"	N.N.W.	1		30.23	73	72	69		"	circum	7	"	
11	"		N	N	1		30.22	74	73	70		"	"	7	"	
Noon.	"		"	"	1		30.21	74	73	70		"	"	7	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☉

°

"

Longitude by Chronometer from Forenoon Observations ☉

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ☉ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☉ observed at

°

"

Water expended during the preceding 24 hours

310

gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1820

"

Coal consumed during the preceding 24 hours

tons 300

lbs.

Coal remaining on hand at Noon                          33 " 2180 "

P. M.																	
Anchored	W.S.W.		S.S.W.	2			30.20	76	75	71		bc	circum	5	8		
2	"	S.S.W.	"	1			30.18	76	75	71		"	"	6	"		
3	"	"	"	1			30.18	77	76	72		"	"	7	"		
4	"	"	"	1			30.18	77	76	72		"	"	6	"		
5	"	"	"	1			30.18	77	76	72		"	"	7	"		
6	"	N.W.	Salm.	0			30.18	75	76	72		"	"	8	"		
7	"	N by E.	"	0			30.19	75	74	72		b	"	10	"		
8	"	N. E.	"	0			30.19	75	74	72		"	"	10	"		
9	"	N.N.W.	N.N.E.	1			30.20	74	70	68		bc	cir	9	"		
10	"	"	"	2			30.20	73	69	67		"	"	9	"		
11	"	"	"	2			30.20	73	68	67		"	"	9	"		
Mid.	"	"	"	2			30.20	72	67	66		"	"	9	"		

Longitude by Chronometer from Afternoon Observations ☉

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. McCormick.

, U. S. Navy,

Sunday October 31<sup>st</sup>

, 1883

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather cloudy and pleasant. Light airs from N.E. Barometer steady. Aneroid at end of watch. 30.29.

G. R. Lieut.

From 4 to 8 A.M. Weather cloudy and pleasant. Hazy, light airs from N by W. and N.N.E. Barometer rising. Aneroid 30.32. Received on board in Pay Department 9 lbs fresh beef and vegetables and 74 loaves of bread

H. D. Dunn. Ensign.

8 to Meridian. Weather clear and pleasant. Light breeze from N. to N.N.W. Barometer steady. At 9<sup>30</sup> mustered and inspected crew at quarters, the Captain inspecting crew at quarters, and the ship. Aneroid Barometer 30.30.

Hal. Nohill. Lieut.

Meridian to 4 P.M. Weather clear and pleasant. Light airs from S.S.W. Barometer steady. Aneroid at end of watch. 30.24.

G. R. Lieut.

4 to 8 P.M. Weather clear and pleasant. Light airs from S.S.W. first part of watch and calm in latter part. Barometer steady. At 5.40 the Japanese Mail Steamer from Yokohama came in ~~in~~ <sup>very</sup> fast to her buoy. Aneroid Barometer 30.28.

Hal. Nohill. Lieut.

8 P.M. to Midnight. Weather clear and pleasant. Gentle breeze from N.N.E. Barometer steady. The German man of war 'Leipzig' got under way and left the harbor, bound for Corea, at 9.30. Aneroid 30.32.

G. R. Lieut

Moon: 6. mid Examined and found to be correct.

Dec. 18° 02' 14" N

Phase. Full moon.

W. H. Parker  
Lieut and Navigator.

LOG of the UNITED STATES

Steamer "Esses"

, 3<sup>rd</sup> Rate,

6 Guns,

Anchored off Nagasaki Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clean Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. at'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	N.N.E.		N.N.E.	3			30.19	72	67	66		bc	cir	8	S	
2	"		"	3			30.19	72	67	66		"	"	8	"	
3	"		"	2			30.19	72	67	66		"	"	7	"	
4	"		"	2			30.18	71	66	65		"	"	6	"	
5	"		N.E.	N by E.	1		30.19	71	66	64		"	circum	5	"	
6	"		N.E. by N.	N.E. by N.	1		30.19	71	65	64		"	"	7	"	
7	"		N.N.E.	N.N.E.	1		30.20	70	65	64		"	"	7	"	
8	"		North	North	1		30.23	71	66	65		"	"	7	"	
9	"		"	Variable	0-1		30.24	72	69	66		"	"	7	"	
10	"		"	"	0-1		30.23	72	71	69		"	"	7	"	
11	"		"	"	0-1		30.22	73	72	70		"	"	7	"	
Noon.	"		W.S.W.	"	0-1		30.22	74	73	70		"	"	7	"	

Distance run by Log since preceding Noon

knots      fathoms.

Latitude by D. R. at Noon

°      '      "

Longitude by D. R. at Noon

°      '      "

Latitude by Observations at Noon ☽

°      '      "

Longitude by Chronometer from Forenoon Observations ☽

°      '      "

Current during the time      knots      fms. per hour, setting to the

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°      '      "

Variation of the Compass by Azimuth ☽ observed at

°      '      "

Water expended during the preceding 24 hours

320      gallons.

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1500.      "

Coal consumed during the preceding 24 hours

tons      300      lbs.

Coal remaining on hand at Noon

33      "      1880      "

P. M.																
Anchored	S.W.	W.S.W.	2				30.20	74	74	70		bc	circum and strat	6	S	
2	"	"	2				30.20	74	75	71		"	"	7	"	
3	S.S.W.	S.S.W.	2				30.18	74	75	71		"	"	8	"	
4	"	"	2				30.18	76	76	72		"	"	8	"	
5	"	"	1				30.18	76	76	72		"	"	7	"	
6	"	"	1				30.18	76	76	72		"	"	7	"	
7	"	"	1				30.16	75	75	72		"	"	8	"	
8	"	"	1				30.16	75	75	72		"	"	8	"	
9	N.N.E.	N.N.E.	1				30.17	72	72	69		"	strat	9	"	
10	"	Balm	0				30.18	72	70	69		"	"	9	"	
11	"	"	0				30.18	72	69	68		"	cumul strat	8	"	
Mid.	"	"	0				30.18	71	69	68		"	"	6	"	

Longitude by Chronometer from Afternoon Observations ☽

°      '      "

Longitude by Chronometer from Observations \*

°      '      "

Variation of the Compass by Amplitude      observed at Sunset

°      '      "

Variation of the Compass by      at

°      '      "

under the command of Commander A. H. Mc Cormick.

, U. S. Navy,

Monday October 22<sup>nd</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Partly cloudy. Gentle breeze from N.W. E. Barometer steady. Aneroid Barometer. 30.30.

W. M. Smith, Lieut

4 to 8 A.M. Clear and pleasant weather. Light breeze from N. E. x N. to N. x E. A small English steamer came in and anchored astern of us. Crossed royal yards and loosed sail. Aneroid barometer. 30.35.

Hal Hobart, Lieut

From 8 A.M. to Meridian. Weather clear and pleasant. Light variable airs and calms. Barometer steady. Mustered at quarters at 9.30. and excercised 1<sup>st</sup> Divis at small arms, 2<sup>nd</sup> Divis at single sticks, and 3<sup>rd</sup> at small arms. Excercised at Battalion drill at 9.50. Aneroid at end of watch. 30.29.

J. R. G. Lieut.

Meridian to 4 P.M. Clear and warm. Gentle breeze from W. S. W. to S. S. W. At 3<sup>30</sup> furled sail. Slashed spars. Painted hatch comings, ventilators, smoke-pipe and white stripe outside. Wm. J. Bennett. ('Pay Yeo') returned aboard 30 hours over time. Aneroid Barometer. 30.26. By order of Commanding Officer placed W<sup>m</sup> Winchester (C. B. M) under charge of sentry for safe keeping.

W. M. Smith, Lieut.

From 4 to 8 P.M. Weather clear and pleasant. Light breeze from S. S. W. Barometer steady. Mustered at quarters at 4.45. Aneroid at end of watch. 30.27.

G. H. Lieut.

From 8 P.M. to Midnight. Clear and pleasant. Light airs from N. N. E. first part: calm, latter part. Barometer steady. Aneroid barometer 30.28

W. M. Smith, Lieut.

Moon l. mid Examined and found to be correct.

Dec. 15° 59' 54" N

Phase. Last quarter.

W. H. Parker  
Lieut and Navigator.

LOG of the UNITED STATES

Steamer "Essex"

3 Rate,

6 Guns,

Anchored off Nagasaki Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10hrs.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. at'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	N.E.		Balm	0			30.18	70	68	67		bc	circum	8	S	
2	"		"	0			30.16	69	69	67		"	"	7	"	
3	"		N.W.W.	1			30.14	69	68	66		"	cum and cor cum	3	"	
4	"		"	1			30.13	69	68	66		"	"	4	"	
5	"		Balm	0			30.13	69	68	66		"	"	3	"	
6	"		"	0			30.13	70	69	67		"	"	3	"	
7	"		"	0			30.14	70	69	67		"	"	4	"	
8	"		"	0			30.16	71	70	68		"	"	3	"	
9	"		North	"	0		30.16	71	71	70		"	"	3	"	
10	"		S.S.W.	S.S.W.	1		30.15	74	74	72		"	"	3	"	
11	"		"	"	2		30.10	75	75	73		"	"	5	"	
Noon.	"		"	"	2		30.10	75	75	73		"	"	3	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

300

gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1200

"

Coal consumed during the preceding 24 hours

tons 300

lbs.

Coal remaining on hand at Noon                          33 " 1580 "

P. M.																	
Anchored	S.W.		S.W.	2.4			30.10	75	75	73		bcq	cu circ	3	S		
2	"		"	2.4			30.07	75	75	74		"	com nim	2	"		
3	"		"	5.4			30.05	75	75	74		bc	"	2	"		
4	"	West.	West.	.3			30.05	75	74	74		ocn	rimb	4	"		
5	"	"	"	2			30.05	75	74	74		"	cum and nim	5	"		
6	"	W.N.W.	N.W.	2			30.03	74	73	72		bc	cum strat and nim	4	"		
7	"	N.	N.	2.4			30.06	74	71	70		bcq	cu curv and nim	3	"		
8	"	"	"	2			30.09	74	70	68		bc	"	3	"		
9	"	"	"	2.4			30.10	74	69	67		bcq	"	5	"		
10	"	N.W x N.	N.W by N.	2			30.11	73	69	67		bc	"	6	"		
11	"	North	North	1			30.11	73	69	67		"	"	4	"		
Mid.	"	"	"	1			30.11	73	69	67		"	"	3	"		

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of Commander A. H. Mc Cormick, U. S. Navy,  
Tuesday October 23<sup>rd</sup> 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Light airs from N.N.W. and calms. Bright moonlight. Aneroid 30.22. Wainwright Keeogy  
*W.H. Lieut.*

From 4 to 8 A.M. Weather cloudy and pleasant. Calm. Barometer steady. Aneroid at end of watch. 30.27.

8 A.M. to Meridian. Generally cloudy. Light breeze from S.S.W. Inspected at quarters at 9.45, after which exercised at great gun drill. Painting water-ways and hatch comings. By order of Commanding officer placed W<sup>m</sup> Winchester (C.B.W) under sentry's charge, for five days for drunkenness on duty. Aneroid Barometer 30.20.  
*W.M. Chinn*

Meridian to 4 P.M. Cloudy. Gloomy. Fresh breeze from S.W. Painting hatched combings. At 3.45 commenced raining. Aneroid falling slowly. 30.14 at end of watch.

Wainwright Keeogy

*W.H. Lieut.*

4 to 8 P.M. Cloudy and threatening. Gentle breeze from N.W. hauling to north and coming in moderate squalls. Mustered at quarters at 4<sup>45</sup>. Aneroid Barometer 30.20.

W.M. Chinn & Lieut.

8 P.M. to Midnight. Cloudy. Pleasant. Light variable airs and calms. Aneroid 30.22.

Wainwright Keeogy

*W.H. Lieut.*

Moon. b. mid Examined and found to be correct.

Dec. 13° 11' 03" N.

Phase. Last Quarter.

*W.H. Parker*  
Lieut and Navigator

LOG of the UNITED STATES

Steamer "Essex."

3 Rate,

6 Guns,

Anchored off Nagasaki Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	North	North	3				30.13	70	69	67		bc	cum & strat	4	8	
2	"	"	1				30.13	70	68	67		"	cir Cum	5	9	
3	"	"	1				30.13	70	68	66		"	"	6	"	
4	"	Balm	0				30.13	70	68	66		"	cir Cum	7	"	
5	E.N.E.	"	0				30.13	68	67	65		"	cir Cum and strat	7	"	
6	"	"	0				30.13	68	67	65		"	circum	4	"	
7	"	East	1				30.16	68	66	65		"	"	7	"	
8	N.E.	N.E.	1				30.17	69	68	65		"	"	6	"	
9	N.N.E.	West	1				30.18	69	68	66		"	"	6	"	
10	"	"	1				30.18	71	70	68		"	"	6	"	
11	"	"	1				30.18	72	71	68		"	"	6	"	
Noon.	West	"	1				30.18	72	71	68		"	"	7	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

.

.

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

320

gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

880

"

Coal consumed during the preceding 24 hours

tons 300

lbs.

Coal remaining on hand at Noon

33 "

1280

"

P. M.																
Anchored	N.N.W.	N.W. by N.	2				30.16	71	70	65		bc	circum	7	8	
2	"	"	2				30.16	71	70	65		"	"	7	"	
3	"	N by W.	3				30.18	71	69	64		"	"	8	"	
4	"	N.W. by N.	3				30.19	71	68	63		"	"	8	"	
5	"	"	3				30.20	71	66	59		"	circum and strat	8	"	
6	"	N.W. by N	3				30.20	68	64	55		"	cir strat	9	"	
7	"	"	1				30.22	67	64	57		"	"	9	"	
8	"	"	1				30.23	68	64	57		"	"	9	"	
9	"	North	1				30.24	67	64	57		"	cir	9	"	
10	"	"	1				30.25	66	64	57		"	"	9	"	
11	"	E.N.E.	1				30.25	66	64	57		"	"	9	"	
Mid.	"	"	1				30.25	66	64	57		"	circum and cum	9	"	

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of Commander A. H. McCormick.

, U. S. Navy,

Wednesday October 21<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Generally cloudy and pleasant. Bright moon light last part. Gentle breeze to light airs from North. Barometer steady. Aneroid 30.24.

F. D. Dunn. Ensign.

4 to 8 A.M. Clear and pleasant. Calm first part, light airs from N<sup>d</sup> and E<sup>d</sup> latter part. Sent topgallant and royal yards on deck, bent the light sails and crossed the light yards. Aneroid Barometer 30.30.

W. W. Brown <sup>W.M.</sup> Lieut.

8 A.M. to Meridian. Clear and pleasant. Light breeze from N<sup>d</sup> and W.<sup>d</sup>. At 9<sup>50</sup> mustered at quarters at 9<sup>40</sup> called "all hands" and exercised making, reducing and furling sail and sending down topgallant and royal yards. Unbent light sails. At 11 the Japanese gun boat "Banjo Kan" came in and anchored. Sent an officer with the usual offers of civilities. Received from her the U.S. Mail that had gone to Corea. Received an official visit from Japanese gun boat "Banjo Kan" Aneroid 30.28. Wainwright-Keeoge <sup>W.R.</sup> Lieut.

From Meridian to 4 P.M. Weather clear and pleasant. Light to gentle breezes from N.W by N. and N.N.W. Barometer rising slowly. Aneroid 30.29.

F. D. Dunn. Ensign.

4 to 8 P.M. Clear and pleasant. Light breeze from W.<sup>d</sup>. At 4<sup>50</sup> mustered at quarters, and served out clean hammocks. Aneroid 30.34.

Wainwright-Keeoge Lieut

8 P.M. to midnight. Clear and cool. Light airs from North and W.N.W. Barometer steady. Aneroid 30.38.

F. D. Dunn. Ensign.

Moon l. mid Examined and found to be correct.

Dec. 9° 48' 58" N.

Phase. Last Quarter.

W. H. Parker  
Lieut and Navigator

LOG of the UNITED STATES

Steamer "Essex"

3 Rate,

6 Guns,

Anchored off Nagasaki Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	N.E. x N	N.E. x N	2-4				30.27	65	62	58		bc	circum	6	S	
2	"	N.E.	N.E.	2			30.27	65	62	58		bc	"	7	"	
3	"	"	"	2			30.27	65	62	58		bcp	"	7	"	
4	"	"	"	2			30.27	65	62	58		bc	"	4	"	
5	"	"	"	3			30.29	64	61	58		"	"	6	"	
6	"	"	"	2			30.31	64	62	59		"	cirro. strat. and cum	5	"	
7	"	"	N.N.E.	1			30.34	64	62	59		"	cir. cum	6	"	
8	"	N.N.E.	"	1			30.37	66	62	59		"	"	7	"	
9	"	N.N.E.	N.E.	2			30.38	66	63	57		"	"	4	"	
10	"	"	North	2			30.38	66	64	58		"	"	5	"	
11	"	"	"	2			30.38	66	65	59		"	"	6	"	
Noon.	"	N.N.W.	N by W.	2			30.36	68	67	60		"	"	6	"	

Distance run by Log since preceding Noon

knots

fathoms

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☉

°

"

Longitude by Chronometer from Forenoon Observations ☉

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ☉ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☉ observed at

°

"

Water expended during the preceding 24 hours

210

gallons.

Water                          during the preceding 24 hours

"

"

Water remaining on hand fit for use at Noon

670

"

Coal consumed during the preceding 24 hours

tons 300

lbs.

Coal remaining on hand at Noon

33 "

980

"

P. M.																
Anchored	N.N.W.	North	3				30.35	70	68	60		bc	circum	5	S	
2	North	"	3				30.35	70	68	61		"	"	5	"	
3	"	"	4				30.35	70	68	60		"	"	5	"	
4	"	"	4				30.36	70	68	60		"	"	6	"	
5	N.E.	N by E.	3				30.37	68	66	59		"	"	6	"	
6	N.N.E.	N.N.E.	2				30.37	68	64	59		"	"	9	"	
7	"	"	2				30.38	68	63	58		"	"	9	"	
8	"	"	2				30.40	68	63	58		"	"	9	"	
9	North	North	2				30.42	68	62	57		"	"	9	"	
10	"	"	1				30.42	68	62	57		"	"	9	"	
11	"	"	2				30.44	65	60	56		"	"	9	"	
Mid.	"	"	2				30.44	64	59	56		"	"	9	"	

Longitude by Chronometer from Afternoon Observations ☉

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of Commander A. H. Mc Cormick., U. S. Navy,  
Thursday October 25<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commencing and until 4 A.M. Weather clear and pleasant. Breeze light to moderate from N.E. to N.E. & N. Light passing shower of rain in latter part of watch. Barometer steady. Aneroid barometer 30.40.

Hal Rohrer, Lieut.

4 to 8 A.M. Clear and pleasant. Light breeze hauling from N. E. to N.N.E. At 7 crossed light yards and loosed sail. At 7.30 furled sail. Received in Pay Department 92 lbs of fresh beef, 74 lbs bread. Aneroid 30.50.

Warming fat keggs

10.2 Lieut

8 A.M. to Meridian. Generally pleasant. Light breeze from North and N by W. Barometer steady. Aneroid 30.46. At 9.30 exercised at five quarters. Cast loose in 2° 50'. Exercised divisions at routine drill.

F. D. Dunn, Ensign.

Meridian to 4 P.M. Weather clear and pleasant. Breeze gentle to moderate from N. Barometer steady. Cirro cumulus clouds. Aneroid Barometer 30.45

Hal Rohrer, Lieut

From 4 to 8 P.M. Clear and cool. Gentle to light breeze from N by E and N.N.E. Barometer rising slowly. Aneroid 30.52. At 4.45 mustered at quarters. At 4.47 sent down topgallant yards.

F. D. Dunn, Ensign.

8 P.M. to midnight. Weather clear and pleasant. Light breeze from N. Barometer rising. At 10. Thos. McClellan '2 c7' jumped overboard from the forecastle and Geo. Hittinger 'O.S.' jumped over after him, and securing a ropes end about him, he was hauled on board. Lowered the life-boat in the meantime. Aneroid barometer 30.56. By order of Commanding Officer put foot irons on Thos. McClellan '2 c7' for safe keeping

Hal Rohrer Lieut.

Moon & mid Examined and found to be correct.

Dec. 6° 05' 14" N

Phase. Last Quarter.

W. S. Parker  
Lieut and Navigator

LOG of the UNITED STATES

Steamer. "Essex."

3d Rate,

6 Guns,

Anchored off Nagasaki Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	N.E.		North.	2			30.43	64	60	57		Sc	cir	9	S	
2	"		"	3			30.42	64	60	57		"	"	9	"	
3	"		North.	4			30.41	64	60	56		"	"	7	"	
4	"		"	4			30.41	63	60	56		"	"	7	"	
5	"		N.E.	2			30.43	63	59	56		"	"	9	"	
6	"		"	2			30.43	63	59	56		"	Cir Cum	5	"	
7	"		"	1			30.48	63	59	56		"	"	7	"	
8	"		N.E.	W by S	1		30.48	64	59	56		"	"	8	"	
9	"		E by N.	E by N	1		30.49	66	62	58		"	Cir	9	"	
10	"		"	Balm	0		30.49	67	65	60		"	"	9	"	
11	"		S.S.E.	"	0		30.49	68	69	63		"	"	9	"	
Noon.	"		"	"	0		30.47	68	71	64		"	"	9	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

250

gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

420

"

Coal consumed during the preceding 24 hours

tons 800

lbs.

Coal remaining on hand at Noon

32 "

180

P. M.																
Anchored	S by E		Balm	0			30.45	69	72	64		Sc	cir	9	S	
2	"	S.W. by W.	West	2			30.44	69	73	65		"	"	9	"	
3	"	"	"	2			30.44	70	72	65		"	Cir Cum	8	"	
4	"	West.	"	1			30.44	70	71	64		"	"	5	"	
5	"	N.W.	North	1			30.45	69	69	63		"	"	5	"	
6	"	"	"	1			30.45	70	69	63		"	Cir Cum & Cum	5	"	
7	"	N.N.E.	N.N.E.	1			30.45	70	69	63		"	"	6	"	
8	"	"	"	1			30.46	70	69	63		"	"	8	"	
9	"	"	"	1			30.48	69	65	62		"	Cumulus	5	"	
10	"	"	"	1			30.50	68	64	61		"	"	5	"	
11	"	N.E.	N.E.	1			30.50	67	63	61		"	"	5	"	
Mid.	"	"	"	1			30.50	66	62	60		"	"	5	"	

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of Commander A H McCormick

, U. S. Navy,

Friday October 26<sup>th</sup>

, 1883

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather clear and pleasant. Gentle breeze from N.<sup>d</sup>. Barometer falling. Aneroid at end of watch 30.55.

P<sup>res</sup> Lieut.

From 4 to 8 A.M. Weather pleasant and clear. Light airs and breezes from N.E. and Nby E. Barometer rising. Aneroid 30.60. At 7<sup>30</sup> crossed topgallant yards

Hodgson. Ensign.

8 to Meridian. Weather clear and pleasant. Calm. Barometer steady. At 9. the "Palos" made her No. 145 unanswered, and made No 44. At 9<sup>25</sup> "Palos" made signal Interrogatory No 1211; answered with No 904, and at 11<sup>18</sup> she made Interrogatory No 4557. answered with No 904. At 9<sup>30</sup> went to general quarters, and exercised the crew, and had torpedo exercise. At 10. made signal No. 6000. to "Palos". The Surgeon of the "Palos" reported on board, then had medical survey on Thos. McClellan (2 c.F.) The Mail Steamer for Yokohama came in at 9<sup>30</sup>. Aneroid barometer 30.53.

Hud Whittier Lieut.

Meridian. to 4 P.M. Weather clear and pleasant. Light airs from W.<sup>d</sup>. Barometer steady. Aneroid at end of watch 30.50.

P<sup>res</sup> Lieut.

1 to 8 P.M. Weather clear and pleasant. Light breeze from N. to N.N.E. Barometer steady. Sent Thos. McClellan (2 c.F.) on board the Mail Steamer to go to hospital in Yokohama; the Master-At-Arms going in charge of him. Aneroid barometer 30.56.

Hud Whittier Lieut.

8 P.M. to Midnight. Weather cloudy and pleasant. Light airs from N.<sup>d</sup> and E.<sup>d</sup> Barometer steady. Aneroid 30.60

P<sup>res</sup> Lieut

Moon 1 mid Examined and found to be correct.

Dec. 2° 10' 14" N

Phase. Last Quarter.

W. H. Parker  
Lieut and Navigator

LOG of the UNITED STATES

Steamer "Essex."

3d Rate,

6 Guns,

Anchored off Nagasaki, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	North	North	1				30.48	65	62	59		bc	circum	7	8	
2	"	"	2				30.46	65	61	59		"	"	8	"	
3	"	"	2				30.45	64	61	58		"	cir	9	"	
4	"	"	2				30.44	64	60	58		"	"	9	"	
5	"	N.E.	1				30.45	66	60	55		bcw	circum	6	"	
6	"	"	1				30.45	66	60	55		"	"	5	"	
7	"	"	1				30.46	65	61	56		"	"	6	"	
8	"	N.N.E.	1				30.46	65	61	57		"	"	6	"	
9	"	North	N by E.	1			30.47	67	64	60		bc	"	6	"	
10	"	"	N + W	1			30.45	67	65	61		"	"	5	"	
11	"	S.E.S.	S.E.	1			30.42	68	66	62		"	"	7	"	
Noon.	"	"	"	1			30.42	68	66	62		"	"	7	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

200

gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

220

"

Coal consumed during the preceding 24 hours

tons 300

lbs.

Coal remaining on hand at Noon

32 "

2120

"

P. M.																
Anchored	S.E.	S.E.	1				30.40	69	71	63		bc	circum	6	8	
2	"	"	1				30.38	70	72	64		"	"	6	"	
3	"	West.	West.	1			30.36	71	74	67		"	"	7	"	
4	"	"	"	1			30.34	71	74	67		"	"	8	"	
5	"	W. S.W.	S.W.	1			30.32	70	72	66		"	circum vsat.	6	"	
6	"	"	balm	0			30.32	70	71	67		"	"	2	"	
7	"	N.E by N	"	0			30.32	69	70	66		"	circum	7	"	
8	"	"	"	0			30.32	69	68	64		"	"	4	"	
9	"	N.W.E.	"	0			30.33	70	67	64		"	"	4	"	
10	"	"	N.N.E.	1			30.31	70	67	64		"	"	3	"	
11	"	S.E by S.	S.E by S.	1			30.30	70	68	64		"	"	1	"	
Mid.	"	E by S.	E by S.	1			30.30	70	68	65		"	"	1	"	

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. Mc Cormick

, U. S. Navy,

Saturday October 27<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Gentle breeze from North. Barometer falling. Aneroid Barometer 30.56.

W.W. Brown <sup>W.M.S</sup> Lieut.

4 to 8 A.M. Weather pleasant but somewhat hazy. Light airs from North to N. E. Barometer steady. Received on board for crew 93 lbs of fresh beef, 93 lbs of vegetables and 74 loaves of bread. Aneroid barometer 30.58.

Karl Wohrm <sup>P.R</sup> Lieut.

8 A.M. to Meridian. Weather clear and pleasant. Light variable airs. Barometer falling. The "Palos" made signal numeral 2 at 9<sup>00</sup>, and numeral 0, at 10<sup>00</sup>. Mustered at quarters at 9<sup>30</sup> and inspected bags and clothing. Dried bedding. The Commanding Officer of the "Palos" visited the ship officially at 11<sup>00</sup>. Aneroid at end of watch 30.50. Expended in Ordnance Dept. 10 lbs. Cannon Powder

Charles Lieut.

Meridian to 4 P.M. Clear and pleasant. Light airs from S. E. shifting to N. E. Barometer falling. Aneroid barometer 30.46.

W.W. Brown <sup>W.M.S</sup> Lieut.

4 to 8 P.M. Weather clear and pleasant. Calm. Barometer Steady. Aneroid at end of watch 30.44.

P. Key Lieut.

8 P.M. to Midnight. Cloudy and cool. Calm first hour, light variable hours remainder of watch. Barometer falling slowly. Aneroid Barometer 30.42

W.W. Brown <sup>W.M.S</sup> Lieut.

Moon b. mid Examined and found to be correct.

Dec 1° 40' 05" N.

Phase Last Quarter.

W. S. T. Parker

Lieut and Navigator

LOG of the UNITED STATES

Steamer "Essex."

3d Rate,

6 Guns,

Anchored off Nagasaki, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	S.S.E.		Balm	0			30.30	69	69	65		bc	cum nimbl	2	8	
2	"		"	0			30.29	64	69	65		"	"	2	"	
3	"		"	0			30.29	69	69	66		"	"	3	"	
4	"		"	0			30.24	69	69	66		"	"	3	"	
5	"		N.N.E.	0			30.23	69	70	66		"	"	2	"	
6	"		North	0			30.20	69	69	66		0-0-0	"	0	"	
7	"		North	1			30.20	69	69	67		"	"	0	"	
8	"		East	1			30.22	69	69	67		"	"	0	"	
9	"		"	1			30.22	69	69	67		"	"	0	"	
10	"		N.N.E.	variable	1		30.22	69	69	68		"	"	0	"	
11	"		"	1			30.22	70	69	68		"	"	0	"	
Noon.	"		"	1			30.22	70	69	68		"	"	0	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

200

gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

20

"

Coal consumed during the preceding 24 hours

tons

lbs.

Coal remaining on hand at Noon

32 "

"

P. M.																	
Anchored	S.E. x S.	S.E. x S.	1				30.19	70	69	68		0-0-0	cum nimbl	0	1		
2	North	N.W.	1				30.17	70	68	68		"	"	0	"		
3	N by W.	North	1				30.18	70	68	68		"	"	0	"		
4	N.N.E.	N.N.E.	1				30.18	70	68	68		"	"	0	"		
5	"	"	1				30.18	70	69	68		"	"	0	"		
6	"	"	1				30.20	70	69	68		"	"	0	"		
7	"	"	1				30.22	70	69	68		"	"	0	"		
8	"	"	1				30.22	71	68	67		"	"	0	"		
9	"	"	1				30.22	71	68	68		"	"	0	"		
10	"	"	1				30.22	71	68	68		"	"	0	"		
11	"	"	1				30.22	71	68	68		"	"	0	"		
Mid.	"	"	1				30.22	70	68	67		"	"	0	"		

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude - observed at Sunset

°

"

Variation of the Compass by                          at

°

"

under the command of Commander A. H. McCormick

, U. S. Navy,

Sunday October 28<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Calm. Aneroid 30.34.

Wainwright-Keeoge <sup>W.K.</sup> Lieut.

From 4 to 8 A.M. Weather cloudy and rainy. Light variable winds, and calms. Barometer falling. Made dress signal at 7<sup>oo</sup>. Received on board for ship's company 9 lbs fresh Beef and vegetables, and 13 loaves Bread. Aneroid at end of watch 30.32.

8 A.M. to Meridian. Overcast and cloudy with continuous rain. Light variable airs. Dispensed with quarters on account of the rain. Aneroid barometer 30.34. At 9<sup>oo</sup> Palos made signal numeral 0, and same at 10<sup>oo</sup>. By order of Commanding Officer released W<sup>m</sup>. Winchester (C.B.M) from confinement.

W.W. Brown <sup>W.M.B.</sup> Lieut.

Meridian to 4 P.M. Overcast. Heavy rain first three hours of watch, clearing last hour. Light variable airs. Aneroid 30.30. Wainwright-Keeoge <sup>W.K.</sup> Lieut.

4 to 8 P.M. Overcast cloudy and rainy. Light airs from N.E. Barometer rising slowly. Aneroid barometer 30.33.

W.W. Brown <sup>W.M.B.</sup> Lieut

8 P.M. to midnight. Overcast. Raining heavily during entire watch. Mail arrived from the United States. Aneroid 30.30. Wainwright-Keeoge <sup>W.K.</sup> Lieut

Moon 1<sup>st</sup> mid Examined and found to be correct.

Dec. 5° 37' 34" S'

Phase Last Quarter.

W. O. Parker  
Lieut. and Navigator.

## LOG of the UNITED STATES

Steamer "Mississ."  
Anchored off Nagasaki Japan

3 Rate,

6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	N. Ely N.	N.E by N.	1				30.22	69	67	66		-OCN	cum and nim	0	S	
2	"	"	1				30.20	68	67	66		"	"	0	"	
3	"	"	1				30.20	68	67	66		"	"	0	"	
4	N.N.E	N.N.E.	1				30.18	67	67	66		"	"	0	"	
5	"	"	1				30.20	68	67	66		bc	"	2	"	
6	"	"	1				30.21	68	67	66		"	Cumulonim	1	"	
7	"	E.N.E	1				30.23	68	67	66		"	"	3	"	
8	E.N.E.	"	1				30.26	68	67	66		"	"	4	"	
9	N.N.E	N.N.E.	1				30.25	69	67	65		"	Cirrocum and cum	5	"	
10	"	"	1				30.25	70	68	66		"	"	6	"	
11	N.E.	E.N.E.	1				30.24	72	70	66		"	"	5	"	
Noon.	East	East.	1				30.23	72	71	67		"	"	4	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

230

gallons.

Water distilled during the preceding 24 hours

1500

"

Water remaining on hand fit for use at Noon

1290

"

Coal consumed during the preceding 24 hours

tons 300

lbs.

Coal remaining on hand at Noon

31 "

2160

"

P. M.																
Anchored	East	East	1				30.25	72	71	67		bc	cir cum	4	S	
2	N by E	N by E.	2				30.20	75	73	69		"	"	2	"	
3	"	"	2				30.19	75	73	69		"	"	2	"	
4	"	"	2				30.19	73	73	69		"	"	2	"	
5	N by W	N by E.	2				30.18	72	70	67		"	"	3	"	
6	North	North	2				30.18	72	69	67		bc	"	1	"	
7	N.N.E.	N.N.E.	1				30.19	72	69	67		"	"	5	"	
8	"	"	1				30.20	73	69	66		"	"	5	"	
9	North	N by E.	1				30.19	72	69	66		bc	cir cum	6	"	
10	"	"	1				30.18	72	69	66		"	"	7	"	
11	"	"	1				30.18	72	69	66		"	Cum and cir cum	3	"	
Mid.	"	"	2				30.18	70	70	65		OC	"	0	"	

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. Mc Cormick.

, U. S. Navy,

Monday October 29<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast, cloudy with light showers of drizzling rain all the watch. Light airs from N.E. by N. and N.N.E. Barometer falling. Aneroid 30.32.

H. O. Dunn Ensign

4 to 8 A.M. Cloudy and damp clearing latter part. Light airs from N.N.E. to E.N.E. At 7<sup>00</sup> made dress signal Blue with white caps. Palos answered. At 7<sup>15</sup> crossed Royal yards and loosed sail to dry. Aneroid Barometer 30.36. Started two fires for distilling at 7<sup>00</sup>.

W. W. Dunn <sup>W.M.S.</sup> Lieut

8 A.M. to meridian. Clear and pleasant. Light variable breeze from N.E. and E.  
At 9<sup>30</sup> mustered at quarters. Exercised 1<sup>st</sup>. Marines, and 3<sup>rd</sup>. Divisions at single stocks, and 3<sup>rd</sup>. and Powder at small arms. At 10<sup>00</sup> had battalion drill. Aneroid 30.33. Distilling.

Wainwright-Keevy <sup>W.R.</sup> Lieut.

Meridian to 4 P.M. Weather somewhat cloudy, but pleasant. Light breeze from E to N by E. Barometer falling. Furled, and unbent sail except the jib. Enlisted for cruise as Landsman, W. F. Plummer. The mail steamer from Yokohama left the harbor at 3<sup>00</sup>. Distilling water. Sent down royal and topgallant yards. Aneroid barometer 30.30. Ensign H. O. Dunn was detached, and ordered to report for duty on board the "Palos" which he did, the date of his orders is October 19<sup>th</sup> and they emanated from the Rear Admiral Commanding.

Harl Whalen <sup>R.R.</sup> Lieut.

4 to 8 P.M. Clear and pleasant. Light variable airs from N.E. and W.E. At 4<sup>45</sup> mustered at quarters and turned in hammocks Aneroid 30.32. Distilling.

Wainwright-Keevy <sup>W.R.</sup> Lieut

8 P.M. to Midnight. Weather pleasant. Light breeze from N by E. Barometer steady. Distilling. Aneroid barometer 30.30.

Harl Whalen <sup>R.R.</sup> Lieut

Moon 1/4 mid Examined and found to be correct.

Dec 9° 14' 03" S

Phase Last Quarter.

W. D. Parker  
Lieut and Navigator.

LOG of the UNITED STATES

Steamer "Essex."

Rate,

Guns,

Anchored off Nagasaki Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	N.N.E.	N.N.E.	1				30.20	71	68	67		bc	circum cumulonim	2	8	
2	"	"	1				30.20	71	68	67		bcp	"	2	"	
3	"	"	1				30.19	70	68	67		bc	"	4	"	
4	"	N.E.	1				30.19	70	68	67		"	"	2	"	
5	"	North	1				30.19	70	68	65		"	"	2	"	
6	"	N by E	1				30.18	69	67	65		"	"	1	"	
7	"	E by N	1				30.18	69	67	65		"	"	1	"	
8	"	"	1				30.18	69	67	65		"	"	1	"	
9	"	"	1				30.17	69	69	67		"	cumulonim	1	"	
10	"	S. E.	2				30.15	70	70	68		bcp	"	2	"	
11	"	"	1				30.13	71	71	69		"	"	2	"	
Noon.	"	"	1				30.11	71	71	69		bc	"	2	"	

Distance run by Log since preceding Noon

knots fathoms.

Latitude by D. R. at Noon

° ' "

Longitude by D. R. at Noon

° ' "

Latitude by Observations at Noon ☽

° ' "

Longitude by Chronometer from Forenoon Observations ☽

° ' "

Current during the time knots fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

° ' "

Variation of the Compass by Azimuth ☽ observed at

° ' "

Water expended during the preceding 24 hours

250 gallons.

Water distilled during the preceding 24 hours

1380 "

Water remaining on hand fit for use at Noon

2520 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

54 2040 "

P. M.																
Anchored	S. E.	S. E.	2				30.07	72	72	70		bc	cumulonim	2	8	
2	South	South	2.5				30.03	73	73	70		bcp	"	2	"	
3	"	"	2.6				30.00	74	74	72		"	"	1	"	
4	"	"	3.6				29.98	73	74	72		ocgpl	"	0	"	
5	"	"	3.6				29.96	73	74	72		bcl	"	0	"	
6	"	"	1.5				29.97	75	74	73		"	"	0	"	
7	"	"	2				29.98	75	74	73		ocgpl	"	2	"	
8	"	"	1				29.98	75	74	73		"	"	2	"	
9	W.W.W.	W.W.W.	1				30.00	74	73	71		bc	"	1	"	
10	"	"	2.4				30.00	74	71	69		bcp	"	1	"	
11	"	"	2				30.00	73	70	68		bc	"	1	"	
Mid.	"	"	2				30.00	72	70	68		"	"	1	"	

Longitude by Chronometer from Afternoon Observations ☽

° ' "

Longitude by Chronometer from Observations \*

° ' "

Variation of the Compass by Amplitude observed at Sunset

° ' "

Variation of the Compass by at

° ' "

under the command of Commander A. H. Mc Cormick.

, U. S. Navy,

Tuesday October 30<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commencing and until 4 A.M. Weather clear with light showers of rain. Light airs from N.N.E. Barometer steady. Aneroid at end of watch 30.30 Distilling.

P. R. Lieut.

4 to 8 A.M. Clear and pleasant. Light variable airs. Aneroid 30.26.

W. M. Single - Keeney W<sup>rk</sup> Lieut.

8 to Meridian. Weather somewhat cloudy, and at times a little damp but not unpleasant. Light breeze from S.E. Barometer falling. Cumulus and nimbus clouds. Finished coaling. Stopped distilling. At 9.30 made signal No. 1087 to "Palos." Painting spars. Aneroid Barometer 30.22.

H. A. Kohler, R<sup>es</sup> Lieut.

Meridian to 4 P.M. Weather cloudy and threatening. Wind blowing in strong puffs from S.E. and E.<sup>rd</sup>. Barometer falling. The U.S.S. "Monocacy" came into the harbor and anchored at 3.10. At 3.00 she made signal No. 111. Answered and made No. 44. At 3<sup>rd</sup> the Commanding Officer left the ship to visit the "Monocacy." Stopped painting on account of weather. Aneroid at end of watch 30.10.

P. R. Lieut.

4 to 8 P.M. Weather squally and unsettled: first part of watch and rainy. clearing up in latter part. Breeze light to fresh in squalls from the S.E. Barometer steady. Clouds cumulus and nimbus. Oscar Smith (C.S.) and James Williams (J.D.) returned to the ship. and H. Mc Gaffey (Sea) was brought on board by the Deputy U.S. Marshall, a reward of \$10. having been offered for his apprehension and delivery on board. Aneroid barometer 30.10.

H. A. Kohler, Lieut.

8 P.M. to Midnight. Weather cloudy and squally, with passing showers of rain Barometer steady. Aneroid at end of watch 30.14.

P. R. Lieut.

Moon 1/2 mid Examined and found to be correct.

Dec 12° 27' 52" S.

Phase. New Moon.

N. J. Parker  
Lieut and Navigator.

## LOG of the UNITED STATES

Steamer "Essex.", 3d Rate, 6 Guns,  
Anchored off Nagasaki Japan

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. at v'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	N.N.W.		N.W.	1.4			30.00	70	68	66		bog	sun & hant	2	1	
2	"		"	1.4			30.00	69	68	65		ocg	"	0	"	
3	"		N.W.	"	1.4		30.00	69	67	64		"	"	0	"	
4	"		"	"	2.4		29.98	68	67	64		ocgr	"	0	"	
5	"		"	"	2.5		29.98	68	67	64		"	"	0	"	
6	"		N.N.W.	2.4			29.98	68	67	64		ocdg	"	0	"	
7	"		N.W.	N.W.	3.5		29.98	68	67	64		bog	in cum and cum	2	"	
8	"		"	"	3.5		29.98	68	67	64		"	"	6	"	
9	"		W by N	West	3.5		30.00	66	63	58		"	"	4	"	
10	"		W.S.W.	"	3.5		30.00	67	64	58		"	"	4	"	
11	"		"	"	3.5		30.01	68	64	58		"	"	4	"	
Noon.	"		W by N.	"	3.5		30.01	68	64	58		"	"	4	"	

Distance run by Log since preceding Noon

knots fathoms.

Latitude by D. R. at Noon

° ' "

Longitude by D. R. at Noon

° ' "

Latitude by Observations at Noon ☽

° ' "

Longitude by Chronometer from Forenoon Observations ☽

° ' "

Current during the time knots fms. per hour, setting to the

° ' "

Variation of the Compass by Amplitude ☽ observed at Sunrise

° ' "

Variation of the Compass by Azimuth ☽ observed at

° ' "

Water expended during the preceding 24 hours

240 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2280 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

54 " 1740 "

P. M.																
Anchored	W.N.W.		W.N.W.	3.5			30.02	67	63	57		bog p	ca cum and nimb	4	1	
2	"		"	3.5			30.02	67	63	57		"	"	4	"	
3	"		W by N	W by N.	3.5		30.02	67	62	56		"	"	4	"	
4	"		"	"	3.5		30.02	67	62	56		bog	"	4	"	
5	"		"	"	2.4		30.00	66	62	55		"	"	3	"	
6	"		W.N.W.	"	2.5		30.00	66	62	56		bog p	"	5	"	
7	"		"	"	2.5		30.00	67	62	55		bog	"	7	"	
8	"		W by N.	"	2.5		30.02	66	61	55		bog p	"	3	"	
9	"		N.N.W.	"	2.5		30.03	66	61	55		"	"	4	"	
10	"		W.N.W.	W.N.W.	2.5		30.04	65	60	55		"	"	3	"	
11	"		N.W. by N.	"	2.5		30.04	65	60	55		"	"	2	"	
Mid.	"		"	"	2.5		30.04	64	60	55		"	"	1	"	

Longitude by Chronometer from Afternoon Observations ☽

° ' "

Longitude by Chronometer from Observations \*

° ' "

Variation of the Compass by Amplitude observed at Sunset

° ' "

Variation of the Compass by at

° ' "

under the command of

Commander A. H. McCormick.

, U. S. Navy,

Wednesday October 31<sup>st</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast and cloudy, with light rain last hour. Moderate breeze from N.W. with occasional squalls. Barometer steady. Aneroid 30.13.

W.M. Sum  
wm<sup>g</sup> Lieut

4 to 8 A.M. Weather wet and squally in first part of watch. clearing up in latter part. Breeze fresh in squalls from N.W. to N.N.W. Barometer steady. The "Monocacy" got underway and took the dock yard buoy. Aneroid Barometer 30.14.

Karl Wm<sup>g</sup> Lieut.

8 A.M. to Meridian. Weather cloudy and squally. Wind from Wd. Barometer steady. The U.S.S. "Monocacy" went into the dry dock at 8<sup>30</sup>. mustered at quarters at 9<sup>00</sup>. and exercised 1<sup>st</sup> Division at small arms 2<sup>nd</sup> and Powder at single sticks, 3<sup>rd</sup> Division at 60 Pdr. Rifle, and Marine Guard at small arms. The Commanding Officer of the "Monocacy" visited the ship officially at 11<sup>00</sup>. Painting masts and yards. Aneroid at end of watch 30.16.

C.P.R. Lieut.

Meridian to 4 P.M. Cloudy and squally. Fresh breeze from W.N.W. tending to W by N. with frequent squalls, and passing showers. Barometer steady. Aneroid barometer 30.17.

W.M. Sum  
wm<sup>g</sup> Lieut.

4 to 8 P.M. Weather cloudy and squally, with passing showers of rain. Barometer steady. Aneroid at end of watch. 30.19.

C.P.R. Lieut.

8 P.M. to Midnight. Cloudy and squally with light passing showers. Wind from W.N.W. to W by North. Barometer steady. Aneroid Barometer 30.20

W.M. Sum  
wm<sup>g</sup> Lieut.

Moon & mid Examined and found to be correct.

Dec 15° 11' 20"S

Phase. New Moon.

W. H. Parker  
1884 Navigator.

LOG of the UNITED STATES *Steamer Essex*, 3d Rate, 6 Guns,  
Anchored off Nagasaki Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Drop of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored			W.N.W.	W.N.W.	3.6		30.04	64	60	56		beg	cum and num	1	S	
2	"	"		"	3.6		30.04	64	60	56		"	"	1	"	
3	"	"		"	2.5		30.04	64	60	57		"	"	2	"	
4	"	"		"	2.5		30.04	64	61	57		"	"	2	"	
5	"	"		"	2.4		30.04	63	61	57		"	"	2	"	
6	"	"		"	2.4		30.04	64	61	58		bcp	"	2	"	
7	"	"		"	2		30.06	64	61	58		"	"	3	"	
8	"	"		"	2		30.06	63	61	57		"	"	2	"	
9	"	"		"	2.4		30.07	65	63	57		begps	"	5	"	
10	"	"		"	3		30.08	65	63	57		bc	"	5	"	
11	"		N.W.	N.W.	2		30.08	65	63	57		"	"	5	"	
Noon.	"	"			2		30.08	66	65	57		"	"	5	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

° ' "

Longitude by D. R. at Noon

° ' "

Latitude by Observations at Noon ☽

° ' "

Longitude by Chronometer from Forenoon Observations ☽

° ' "

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

° ' "

Variation of the Compass by Azimuth ☽ observed at

° ' "

Water expended during the preceding 24 hours

230 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2050 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

54 " 1440 "

P. M.																	
Anchored			N.W.	N.W.	2.4		30.06	65	65	58		beg	cum and cir cum	5	S		
2	"	"	"	"	2.4		30.06	65	65	58		"	"	5	"		
3	"	"	"	"	2.4		30.06	65	64	58		"	"	3	"		
4	"	"	"	"	2.4		30.06	65	64	58		"	"	2	"		
5	"	"	"	"	3		30.08	65	63	57		bc	cir cum	4	"		
6	"	"	"	"	2		30.08	65	62	56		"	"	4	"		
7	"	"	"	"	2		30.10	66	62	56		"	"	4	"		
8	"	"	"	"	2		30.10	67	62	56		"	"	5	"		
9	"	"	"	"	2		30.09	67	62	56		"	cir cum and nimb	6	"		
10	"	"	"	"	2.4		30.10	67	62	56		beg	"	4	"		
11	"	North	N.N.W.	N.W.	2		30.10	67	62	56		bc	"	4	"		
Mid.	"	"	"	"	2		30.11	67	62	56		"	"	5	"		

Longitude by Chronometer from Afternoon Observations ☽

° ' "

Longitude by Chronometer from Observations \*

° ' "

Variation of the Compass by Amplitude      observed at Sunset

° ' "

Variation of the Compass by      at

° ' "

under the command of

Commander A. H. McCormick.

, U. S. Navy,

Thursday November 1<sup>st</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commencing and until 4 A.M. Cloudy. Moderate breeze with occasional heavy squall from W.N.W. Aneroid 30.28. *Wainwright-Keeogy* <sup>W.K.</sup> Lieut.

From 4 to 8 A.M. Weather cloudy with frequent passing showers of rain. Light breeze from N.N.W. Barometer steady. Received for use of ships company 83 lbs. Fresh Beef, and vegetables, and 74 loaves of Bread. Aneroid at end of watch 30.21. *C. H. M. Lieut.*

8 A.M. to Meridian. Pleasant weather. Gentle breeze from W.N.W. with occasional squalls. Mustered at quarters at 9<sup>30</sup>. Exercised 1<sup>st</sup> Division at Hoistier drill, 2<sup>nd</sup> Division at skirmish drill, 3<sup>rd</sup> Division with Gatling gun, and Marine Guard with small arms. Crew employed painting spars. Aneroid barometer 30.22. *W.H. Dunn* <sup>W.M. I.</sup> Lieut.

Meridian to 4 P.M. Cloudy. Pleasant. Light breeze with occasional strong puffs from N.W. Served out clothing. Aneroid 30.22. *Wainwright-Keeogy* <sup>W.K.</sup> Lieut.

4 to 8 P.M. Cloudy but pleasant. Light breeze from N.W. Barometer rising. Mustered at quarters at 4<sup>45</sup>. Aneroid barometer 30.25

*W.H. Dunn* <sup>W.M. I.</sup> Lieut.

8 P.M. to Midnight. Clear and cool. Light variable airs from N.<sup>E.</sup> and W.<sup>S.</sup> Aneroid 30.28. *Wainwright-Keeogy* <sup>W.K.</sup> Lieut.

Moon 1<sup>st</sup> mid Examined and found to be correct.

Dec. 17° 17' 09" S.

Phase. New Moon

*W. H. Parker*  
Lieut Navigator.

LOG of the UNITED STATES Steamer "Essex," 3<sup>rd</sup> Rate, 6 Guns,  
Anchored off Nagasaki, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	N by E.	N by E.	1				30.11	64	61	58		bc	cum and circum	5	8	
2	"	"	1				30.12	64	60	56		"	"	5	"	
3	"	"	1				30.12	64	60	56		"	"	5	"	
4	"	"	1				30.14	63	60	56		"	"	6	"	
5	"	N.N.W.	N.N.W.	1			30.16	63	60	56		"	cum strat und himb	4	"	
6	"	"	1				30.18	63	60	56		"	cir cum and strat	4	"	
7	"	N by W.	N by W.	1			30.19	63	60	56		"	"	4	"	
8	"	"	1				30.21	64	60	56		"	"	4	"	
9	"	N.N.W.	N.N.W.	1			30.21	63	61	56		"	cum and circum	4	"	
10	"	"	1				30.21	63	62	56		"	cir cum	7	"	
11	"	"	1				30.21	64	63	57		"	"	4	"	
Noon.	"	West.	West.	1			30.20	64	63	57		"	"	3	"	

Distance run by Log since preceding Noon

knots fathoms.

Latitude by D. R. at Noon

° ' "

Longitude by D. R. at Noon

° ' "

Latitude by Observations at Noon ☽

° ' "

Longitude by Chronometer from Forenoon Observations ☽

° ' "

Current during the time knots fms. per hour, setting to the

° ' "

Variation of the Compass by Amplitude ☽ observed at Sunrise

° ' "

Variation of the Compass by Azimuth ☽ observed at

° ' "

Water expended during the preceding 24 hours

300 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1750 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

54 " 1140 "

P. M.																	
Anchored	West	West	2' 4				30.20	65	64	57		bcg	cum cum	4	8		
2	"	"	2' 4				30.20	65	64	57		"	"	5	"		
3	"	"	2' 4				30.20	65	64	57		"	"	6	"		
4	"	N.N.W.	N.N.W.	2' 4			30.20	65	64	57		"	"	4	"		
5	"	"	2' 4				30.19	65	64	57		"	"	4	"		
6	"	N by S.W.	N by W.	2			30.19	65	61	56		bc	"	4	"		
7	"	"	2				30.20	65	61	55		"	"	7	"		
8	"	N.W. by N	"	1			30.22	65	61	55		"	"	8	"		
9	"	N by W.	"	1			30.23	65	60	55		"	"	7	"		
10	"	N.N. E.	N.N. E.	1			30.23	64	59	56		"	"	7	"		
11	"	"	1				30.24	63	58	55		"	"	8	"		
Mid.	"	"	2				30.24	63	58	55		"	"	8	"		

Longitude by Chronometer from Afternoon Observations ☽

° ' "

Longitude by Chronometer from Observations \*

° ' "

Variation of the Compass by Amplitude observed at Sunset

° ' "

Variation of the Compass by at

° ' "

under the command of

Commander A. H. McCormick.

, U. S. Navy,

Friday November 2<sup>nd</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commencing and until 4 A.M. Weather pleasant. Light breeze from N. by E. Clouds cumulus and cirro cumulus. Barometer rising. Aneroid Barometer 30.30.

Hal Rohr, Lieut

4 to 8 A.M. Clear and pleasant. Light breeze from N.N.W. to N.W. Barometer steady. A mail steamer from the S.E. came in and anchored. Aneroid Barometer 30.35.

W. M. Dunn <sup>W.M.D.</sup> Lieut.

8 to Meridian. Clear and pleasant. Light breeze from N.N.W. At 9<sup>30</sup> went to General quarters and Exercised. Board of Surveyor Engineer's Stores met on Board: Consisting of Passed Assistant Engineer W. L. Nicoll. Assistant Engineer T. W. Snyder. and Assistant Engineer H. L. Gleffer. Received an official visit from Japanese Gun Boat requesting us to dress ship tomorrow in honor of the Emperor's birth-day. Aneroid 30.34 Wainwright-Keeogy <sup>W.K.</sup> Lieut.

Meridian to 4 P.M. Weather pleasant. Breeze moderate in squalls from W. to N.N.W. Barometer steady. Cirro cumulus clouds. At 12<sup>30</sup> the "U.S.A. Pensacola" came into harbor showing her number which we answered, and made our own. The "Pensacola" fired a salute of 21 guns, the Japanese flag at the fore: which salute was answered from a battery on shore. Finished painting spars. Aneroid Barometer. 30.33. Discharged Ah Sam (Cabin Cook) at his own request.

Hal Rohr <sup>H.R.</sup> Lieut.

4 to 8 P.M. Clear and pleasant. Light variable airs from N.E. and W.E. At 4<sup>45</sup> mustered at quarters. At 6<sup>00</sup> "Monocacy" hauled out of dock and anchored off the city. Aneroid 30.35.

Wainwright-Keeogy <sup>W.K.</sup> Lieut

8 to Midnight. Clear and pleasant weather. Light airs from N by W. to N.N.E. Barometer steady. Cirro cumulus clouds. Aneroid barometer 30.40. The Mail Steamer for Yokohama got underway at 12<sup>00</sup>.

Hal Rohr <sup>H.R.</sup> Lieut.

Moon 1. mid Examined and found to be correct.

Dec. 18° 38' 28" S

Phase. New Moon.

W. H. Parker  
Lieut and Navigator

## LOG of the UNITED STATES

Steamer *Essex*,  
Anchored off Nagasaki Japan.

3d Rate,

6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. at' d.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Anchored	N.E.	Balm	0			30.26	62	58	56		bc	cir	9	S	
2	"	"	N.E.	1			30.25	62	58	56		"	"	9	"	
3	"	"	"	1			30.25	62	58	56		"	"	9	"	
4	"	"	"	1			30.25	61	57	56		"	"	9	"	
5	"	"	"	1			30.26	61	53	52		"	"	9	"	
6	"	"	"	1			30.26	58	53	52		"	"	7	"	
7	"	"	"	1			30.26	58	53	52		"	"	7	"	
8	"	"	Balm	0			30.30	59	54	52		"	"	7	"	
9	"	NN.W.	NN.W.	1			30.33	62	58	55		"	circum	7	"	
10	"	"	"	2			30.33	62	60	55		"	"	8	"	
11	"	"	"	2			30.32	63	61	55		"	"	8	"	
Noon.	"	"	"	2			30.31	63	62	55		"	"	8	"	

Distance run by Log since preceding Noon

knots fathoms.

Latitude by D. R. at Noon

° ' "

Longitude by D. R. at Noon

° ' "

Latitude by Observations at Noon ☽

° ' "

Longitude by Chronometer from Forenoon Observations ☽

° ' "

Current during the time knots fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

° ' "

Variation of the Compass by Azimuth ☽ observed at

° ' "

Water expended during the preceding 24 hours

340 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1410 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

54 " 840 "

P. M.																	
1	Anchored	N.E.	E.N.E.	1			30.30	63	62	56		bc	circum	7	S		
2	"	NN.W.	West	1			30.30	64	63	57		"	"	5	"		
3	"	"	"	1			30.30	64	63	57		"	"	5	"		
4	"	N.W. by N.	N.W. by N.	1			30.30	65	64	58		"	"	6	"		
5	"	"	"	1			30.30	65	64	58		"	"	4	"		
6	"	"	"	1			30.30	65	64	58		"	"	5	"		
7	"	NN.W.	N.W.	1			30.32	65	64	58		"	cir	9	"		
8	"	E.N.E.	Balm	0			30.33	65	64	58		"	"	9	"		
9	"	NN.E.	NN.E.	1			30.34	64	58	55		bc	time	10	"		
10	"	"	"	1			30.34	62	56	54		"	"	10	"		
11	"	"	"	1			30.34	62	56	54		"	"	10	"		
Mid.	"	"	"	1			30.34	60	54	53		"	"	10	"		

Longitude by Chronometer from Afternoon Observations ☽

° ' "

Longitude by Chronometer from Observations \*

° ' "

Variation of the Compass by Amplitude observed at Sunset

° ' "

Variation of the Compass by at

° ' "

under the command of Commander A. H. Mc Cormick, U. S. Navy,  
Saturday November 3<sup>rd</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather clear and pleasant. Light airs from N.E. Barometer steady. Aneroid at end of watch 30.42.

P. R. Lieut.

4 to 8 A.M. Hazy. Pleasant. Light airs from N.E. and calm. "Monocacy" shifted her mooring to E.<sup>d</sup>. Aneroid 30.48. Received in Pay Department 93 lbs of fresh beef and vegetables, and 74 loaves of bread for use of crew. Dressed ship in honor of the Emperor's birthday.

Wainright Keeney W.R. Lieut.

8 to Meridian. Weather clear and pleasant. Light breeze from N.N.W. Barometer steady. Cirrocumulus clouds. By order of Captain placed H. Gilbert (S.M.M.) in solitary confinement on bread and water for five days, for being drunk on board ship, and insolent at the mast. At 9<sup>30</sup> mustered and inspected crew at quarters. Captain Henry Erben of the "Pensacola" visited the ship officially. Aneroid Barometer 30.44. At noon the "Pensacola," the Japanese gun boat and a battery on shore fired salute of twenty one guns.

Nailor W.R. Lieut

Meridian to 4 P.M. Weather partly cloudy and pleasant. Light variable wind. Barometer steady. The following named men were transferred to the U.S.S. "Pensacola" viz. John Bradley (C.A.G) C. E. Reeves (1<sup>st</sup> Sergt) J. F. Smith (Sergt). H. Brooks (Pvt) G. Corry (Pvt) P. W. Haly (Pvt). The following named men were received from the "Pensacola": John Hunter (Sea) W<sup>m</sup> Lutz (1<sup>st</sup> Sergt) James Scott (Sgt) W. N. Lavelle (Pvt) Jacob Fidenham (Pvt) John Sullivan (Pvt). The Commanding Officer of the "Palos" visited the ship at 3<sup>00</sup>. Aneroid at end of watch 30.46. Enlisted for cruise as (Lds) Ah Fong.

P. R. Lieut

4 to 8 P.M. Weather clear and pleasant. Barometer steady. Light airs from N.W. by N. to N.W. At sunset undressed ship. The Japanese gun boat "Banjo Khan" illuminated ship, and displayed fire works after dark. Aneroid bar. 30.50.

Nailor W.R. Lieut

8 P.M. to Midnight. Weather clear and pleasant. Light airs from N.N.E. Barometer steady. Aneroid at end of watch. 30.47

P. R. Lieut.

Moon. l. mid Examined and found to be correct.  
Dec. 19° 10' 50" S  
Phase. New Moon.

W. M. Parker  
Lieut and Navigator

LOG of the UNITED STATES Steamer "Essex," 3<sup>rd</sup> Rate, 6 Guns,  
Anchored off Nagasaki Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. at'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Unanchored	N.N.E.	N.N.E.	1				30.34	60	54	52		bc	cir	9	S	
2	"	"	1				30.34	60	54	52		"	"	9	"	
3	"	"	1				30.34	59	54	53		"	"	9	"	
4	"	"	1				30.32	59	52	51		"	circum	7	"	
5	"	"	1				30.31	60	52	51		bc m	"	8	"	
6	North	N.E.	1				30.31	60	52	51		"	"	6	"	
7	"	"	1				30.30	60	52	51		"	"	7	"	
8	"	Balm	0				30.33	60	57	55		bc	"	7	"	
9	"	N. by E.	1				30.33	62	60	57		"	"	6	"	
10	"	"	2				30.33	62	61	58		"	"	6	"	
11	"	"	2				30.33	62	61	58		"	"	6	"	
Noon.	"	"	2				30.30	64	62	59		"	"	6	"	

Distance run by Log since preceding Noon

knots      fathoms.

Latitude by D. R. at Noon

°      '      "

Longitude by D. R. at Noon

°      '      "

Latitude by Observations at Noon ☽

°      '      "

Longitude by Chronometer from Forenoon Observations ☽

°      '      "

Current during the time      knots      fms. per hour, setting to the

°      '      "

Variation of the Compass by Amplitude ☽ observed at Sunrise

°      '      "

Variation of the Compass by Azimuth ☽ observed at

°      '      "

Water expended during the preceding 24 hours

290      gallons.

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1120      "

Coal consumed during the preceding 24 hours

tons      300      lbs.

Coal remaining on hand at Noon

54      "      540      "

P. M.																	
Anchored	North	North	2				30.30	63	63	59		bc	circum	5	S		
2	"	"	1				30.29	63	63	58		"	"	5	"		
3	"	"	2				30.28	63	63	58		"	"	5	"		
4	"	"	1				30.28	64	63	58		"	"	6	"		
5	N.W.	N.W.	1				30.28	64	63	58		"	circum	7	"		
6	"	"	1				30.29	64	62	58		"	and strat	7	"		
7	S.E.	S.E.	1				30.29	65	60	58		"	circum	8	"		
8	"	"	1				30.29	65	60	57		"	"	9	"		
9	E by S	E by S	1				30.30	65	60	57		"	"	9	"		
10	N.E.	N.E.	1				30.30	65	59	57		"	"	9	"		
11	"	"	1				30.30	63	57	55		"	"	9	"		
Mid.	"	"	1				30.30	63	57	55		"	"	9	"		

Longitude by Chronometer from Afternoon Observations ☽

°      '      "

Longitude by Chronometer from Observations \*

°      '      "

Variation of the Compass by Amplitude      observed at Sunset

°      '      "

Variation of the Compass by      at

°      '      "

under the command of

Commander A. H. McCormick

, U. S. Navy,

Sunday November 4<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. clear and cool, bright starlight. Gentle breeze from N.N.E. Aneroid barometer 30.48.

W. M. Sum<sup>wm. s</sup> Lieut.

4 to 8 A.M. Weather pleasant but hazy. Light airs from N.E. to N.N.E. Barometer steady. Clouds cirro cumulus. Received on board for crew 93 lbs of fresh beef, 93 lbs vegetables and 74 loaves bread. Aneroid Barometer 30.50.

H. A. Hobart<sup>2</sup> Lieut.

From 8 A.M. to Meridian. Weather partly cloudy and pleasant. Wind variable. Barometer steady. Called all hands to muster at 9<sup>30</sup>. Read articles for the Better Government of the Navy. and mustered the crew and officers. Aneroid at end of watch 30.46.

C. H. Res<sup>r</sup> Lieut.

Meridian to 4 P.M. Pleasant weather. Gentle breeze from N.<sup>d</sup> Barometer steady. Aneroid barometer 30.42. Received from "U.S.S. Pensacola" 3000 rounds of small arm ammunition.

W. M. Sum<sup>wm. s</sup> Lieut.

From 4 to 8 P.M. Weather clear and pleasant. Light variable airs. Barometer steady. Aneroid at end of watch. 30.45.

P. H. Res<sup>r</sup> Lieut.

8 P.M. to Midnight. Clear and pleasant. Light airs from N.E. Barometer steady. A French gunboat came in and at 11<sup>30</sup> came to anchor. Aneroid Barometer. 30.48

W. M. Elmore<sup>wm. s</sup> Lieut

Moon. 1 mid Examined and found to be correct.

Dec. 18° 49' 39" S

Phase. New Moon

W. M. Parker  
Lieut and Navigator

LOG of the UNITED STATES

*Steamer "Essex"*, 3<sup>d</sup> Rate, 6 Guns,  
Anchored off Nagasaki, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	P. of Clear Sky, in 100bs.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	N.E.		N.E.	1			30.31	62	53	54		bc	cir	9	S	
2	"		"	1			30.31	61	54	53		"	"	9	"	
3	"		Calm	0			30.31	61	54	53		"	"	9	"	
4	"		"	0			30.31	61	54	53		"	circum	8	"	
5	"		N.E.	1			30.31	60	54	54		ocg	"	8	"	
6	"		"	1			30.31	60	54	54		"	circum and strat	6	"	
7	"		North	North	1		30.32	59	53	53		"	"	6	"	
8	"		"	1			30.34	59	53	53		"	"	5	"	
9	"		N. by E.	1			30.36	62	59	57		bc	circum	9	"	
10	"		N.W.E.	N.W.E.	2		30.36	64	60	57		"	"	8	"	
11	"		"	"	1		30.35	65	65	57		"	"	8	"	
Noon.	"		"	"	1		30.33	65	65	57		"	"	8	"	

Distance run by Log since preceding Noon

knots      fathoms.

Latitude by D. R. at Noon

°      '      "

Longitude by D. R. at Noon

°      '      "

Latitude by Observations at Noon ☽

°      '      "

Longitude by Chronometer from Forenoon Observations ☽

°      '      "

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°      '      "

Variation of the Compass by Azimuth ☽ observed at

°      '      "

Water expended during the preceding 24 hours

300 gallons.

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

820 "

Coal consumed during the preceding 24 hours

tons 400 lbs.

Coal remaining on hand at Noon

53 " 1880 "

P. M.																	
Anchored	E.S.E.		E.S.E.	1			30.30	65	65	58		bc	circum	7	S		
2	"		N.N.E.	N.N.E.	1		30.30	65	65	58		"	"	7	"		
3	"		W.N.W.	W.N.W.	1		30.29	66	67	60		"	"	7	"		
4	"		W.S.W.	W.S.W.	1		30.29	67	67	61		"	"	6	"		
5	"	"	West	West	1		30.30	66	66	62		"	"	8	"		
6	"	"	"	"	1		30.31	63	65	61		"	cirrostrat	9	"		
7	"		N.E.	N.E.	1		30.33	64	63	59		"	cir	9	"		
8	"	"	"	"	1		30.33	65	61	58		"	"	9	"		
9	"		N.W.E.	N.W.E.	1		30.33	64	60	57		"	"	9	"		
10	"	"	"	"	1		30.33	62	58	56		"	"	9	"		
11	"	"	North	North	1		30.33	61	57	55		"	"	9	"		
Mid.	"	"	"	"	1		30.32	60	57	55		"	"	9	"		

Longitude by Chronometer from Afternoon Observations ☽

°      '      "

Longitude by Chronometer from Observations \*

°      '      "

Variation of the Compass by Amplitude observed at Sunset

°      '      "

Variation of the Compass by      at

°      '      "

under the command of

Commander A. H. McCormick

, U. S. Navy,

Monday November 5<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Light airs from N.d. and E.d. and calm. Aneroid 30.45

Wainwright-Keevyg  
Lieut

From 4 to 8 A.M. Weather hazy and pleasant. Light airs from N.d. and E.d. Barometer rising. At 4<sup>15</sup> the French Man of War shifted anchorage. At 5<sup>45</sup> the Mail Steamer from Yokohama came in and moored to buoy. Received mail from United States. At 7<sup>15</sup> made interrogatory signal 2255. The "Pensacola" answered and made 904. Called all hands bend sail, and bent fore-sail, topsails and spanker. Hoisted guard flag at 8<sup>00</sup>. Aneroid at end of watch 30.50.

Other Lieut

8 A.M. to Meridian. Clear and warm. Light breeze from N. N. E. At 9<sup>00</sup> made signal numeral 0, and at 10<sup>00</sup> signal numeral 0. "Pensacola" answered. Went to quarters at 9<sup>30</sup>, after which exercised 1<sup>st</sup> and 3<sup>d</sup> Divisions at single sticks, 2<sup>nd</sup> and Powder Divisions and Marine Guard at small arms. Sent an officer to board the French Man of War "Volta" and tender the usual courtesies. Aneroid Barometer 30.45

W.M. Irvin <sup>am</sup> Lieut.

Meridian to 4 P.M. Clear and pleasant. Light variable airs and calms. At 1<sup>30</sup> U.S.S. "Pensacola" got under way and stood out of harbor. At 1<sup>40</sup> made International signal B. Q. R. to "Pensacola" Aneroid 30.40.

Wainwright-Keevyg  
Lieut.

4 to 8 P.M. Pleasant weather. Light breeze from West, hauling to N.E. Went to quarters at 4<sup>45</sup>. "Monocacy" fired a salute of 7 guns with British Flag at the fore. Commanding officer of the "Volta" paid an official visit to the ship. Aneroid Barometer 30.46.

W.M. Irvin <sup>pm</sup> Lieut.

8 P.M. to Midnight. Clear and cool. Light airs from N.d. and E.d.

Aneroid 30.45.

Wainwright-Keevyg

Lieut

Moon b. mid Examined and found to be correct.

Dec 17°.35'-25" S.

Phase. New Moon.

W. J. Parker

Lieut and Navigator

LOG of the UNITED STATES

## Steamer "Essex."

3d Rate,

6 Guns,

Anchored off Nagasaki Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	N.E. by N	N.E. by N	/				30.30	60	53	54		bc	circum	8	S	
2	"	"	/				30.30	60	53	54		"	"	8	"	
3	"	N.E.	/				30.30	59	54	53		"	"	6	"	
4	"	"	/				30.30	59	54	53		"	"	7	"	
5	"	NN.E.	/				30.31	58	53	52		"	cir	9	"	
6	"	"	/				30.31	58	53	52		"	cirro-strat	8	"	
7	"	NN.E.	/				30.33	59	54	53		bcn	cir	9	"	
8	"	"	/				30.33	59	54	53		"	"	9	"	
9	"	North	/				30.36	62	58	56		bc	circum 5-strat	7	"	
10	"	Balm	0				30.36	63	60	57		"	"	7	"	
11	"	"	0				30.34	63	63	58		"	"	7	"	
Noon.	"	"	N.W.	/			30.32	63	64	59		"	circum	7	"	

Distance run by Log since preceding Noon

knots      fathoms.

Latitude by D. R. at Noon

°      '      "

Longitude by D. R. at Noon

°      '      "

Latitude by Observations at Noon ☽

°      '      "

Longitude by Chronometer from Forenoon Observations ☽

°      '      "

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°      '      "

Variation of the Compass by Azimuth ☽ observed at

°      '      "

Water expended during the preceding 24 hours

360 gallons.

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

460 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

53 " 1580 "

P. M.																
Anchored	N.W.	N.W.	/				30.32	65	64	59		bc	circum	8	S	
2	S. W.	S. S. W.	/				30.30	66	67	60		"	"	6	"	
3	West	"	/				30.30	66	67	60		"	"	6	"	
4	"	"	/				30.30	65	67	60		"	"	6	"	
5	W. N. W.	"	/				30.30	65	66	63		"	"	7	"	
6	N.N.E.	N.N.E.	/				30.30	66	63	60		"	"	8	"	
7	"	"	/				30.31	66	63	59		"	"	7	"	
8	"	"	/				30.31	66	63	59		"	"	7	"	
9	"	"	/				30.33	66	60	58		b	none	10	"	
10	"	"	/				30.33	65	59	57		"	"	10	"	
11	"	"	2				30.33	64	57	56		"	"	10	"	
Mid.	"	"	2				30.33	63	57	55		bc	cir	9	"	

Longitude by Chronometer from Afternoon Observations ☽

°      '      "

Longitude by Chronometer from Observations \*

°      '      "

Variation of the Compass by Amplitude      observed at Sunset

°      '      "

Variation of the Compass by      at

°      '      "

under the command of

Commander A H. McCormick, U. S. Navy,  
Tuesday November 6<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather clear and pleasant. Light breeze from N.E. by N. Barometer steady. Aneroid barometer 30.50.

4 to 8 A.M. Clear and pleasant. Light breeze from N.N.E. At 7<sup>15</sup> The French Man of War "Volta" got underway and left the harbor. At 7<sup>30</sup> made signal (Int.) 5457. "Monocacy" answered 904. Crossed Royal yards and loosed sail. Received on board in Pay Department 93 lbs Fresh Beef and vegetables, and 74 loaves bread. Aneroid barometer 30.50. At 7<sup>00</sup> "Monocacy" made dress signal "all blue". Hauled down guard flag at 8<sup>00</sup>.

W. M. Grinnell, Lieut

8 W.M. to Meridian. Clear and pleasant. Light variable airs and calms. At 9<sup>30</sup> went to fire quarters, and abandoned ship. At 9<sup>50</sup> instructed Gun Divisions at ordnance. At 10<sup>10</sup> called away and armed boats, and exercised them at naval tactics. Aneroid 30.45. W. M. Grinnell, Lieut.

Meridian to 4 P.M. Weather pleasant. Light breeze from N.W. to S.S.W. Barometer steady. Cirro cumulus clouds. Received on board from U. S. Naval Depot. for department steam engineering three (3) barrels of Crane Oil and one (1) sheet of iron, in Construction Department ~~8~~ (6) oars and seventeen feet of two inch lumber. At 1<sup>00</sup> made signal Interrogatory No. 4826, which "Monocacy" answered with 904. Furled sail. Aneroid Barometer 30.41.

W. M. Grinnell, Lieut.

4 to 8 P.M. Clear and pleasant. Light airs from N.N.E. At 4<sup>45</sup> mustered at quarters. At 5. 20. made signal 6068 "Monocacy" answered 904. At 5<sup>30</sup> sent down topgallant and royal yards. Aneroid 30.45.

W. M. Grinnell, Lieut.

8 P.M. to Midnight. Weather clear and pleasant. light breeze from N.N.E. Barometer steady. Aneroid Barometer 30.50.

W. M. Grinnell, Lieut.

Moon 1 mid Examined and found to be correct.

Dec. 15° 29'. 12". S

Phase New Moon

W. M. Parker  
Lieut and Navigator

LOG of the UNITED STATES

Steamer "Essex"

3<sup>d</sup> Rate,

6 Guns,

Anchored off Nagasaki Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	N.N.E.		N.N.E.	2			30.32	63	57	56		bc	cu	9	S	
2	"		"	2			30.22	63	57	56		"	"	9	"	
3	"		"	2			30.32	62	57	56		"	"	9	"	
4	"		"	1			30.32	62	57	56		"	"	9	"	
5	"		N.E. by N.	N.E. by N.	1		30.30	62	56	55		"	"	9	"	
6	"		N.E.	N.E.	1		30.30	62	56	55		"	circum	7	"	
7	"		"	"	1		30.30	61	55	54		"	"	6	"	
8	"		"	"	1		30.30	61	55	54		bcz	"	6	"	
9	"		N.W.	Balm	0		30.32	61	60	58		bcm	"	4	"	
10	"		"	East	1		30.32	62	61	59		"	"	4	"	
11	"		North	North	1		30.31	63	63	60		bc	"	2	"	
Noon.	"		"	"	1		30.30	63	65	60		"	"	2	"	

Distance run by Log since preceding Noon

knots      fathoms.

Latitude by D. R. at Noon

°      '      "

Longitude by D. R. at Noon

°      '      "

Latitude by Observations at Noon ☽

°      '      "

Longitude by Chronometer from Forenoon Observations ☽

°      '      "

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°      '      "

Variation of the Compass by Azimuth ☽ observed at

°      '      "

Water expended during the preceding 24 hours

250 gallons.

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

210 "

Coal consumed during the preceding 24 hours

tons 1300 lbs.

Coal remaining on hand at Noon

53 " 280 "

P. M.																
Anchored	North		North	2			30.28	65	65	60		bc	air and circum	3	S	
2	"	"	"	2			30.26	65	65	60		"	"	3	"	
3	"	"	"	2			30.26	66	66	60		"	"	4	"	
4	"	"	"	2			30.26	66	65	60		"	cumulat and circum	3	"	
5	"	N.N.E.	N.N.E.	2			30.26	65	65	60		"	"	2	"	
6	"	"	"	2			30.25	65	65	60		"	"	3	"	
7	"	"	"	2			30.25	65	65	60		"	"	3	"	
8	"	"	"	2			30.26	65	65	60		"	"	2	"	
9	"	E.N.E.	E.N.E.	1			30.28	65	63	59		"	concrentral	1	"	
10	"	"	"	1			30.28	65	62	58		"	circum	4	"	
11	"	"	"	1			30.28	64	60	57		"	"	5	"	
Mid.	"	"	North	1			30.28	64	60	57		"	"	8	"	

Longitude by Chronometer from Afternoon Observations ☽

°      '      "

Longitude by Chronometer from Observations \*

°      '      "

Variation of the Compass by Amplitude      observed at Sunset

°      '      "

Variation of the Compass by      at

°      '      "

under the command of Commander A. H. McCormick, U. S. Navy,  
Wednesday November 7<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. weather clear and cool. Light breeze from N.W. Barometer steady. Aneroid at end of watch 30.44.

4 to 8 A.M. Hazy. Pleasant. Light variable airs and calms. At 7<sup>30</sup> made signal (Interv). 6069. "Monocacy" answered. 904. At 7<sup>35</sup> crossed top-gallant and royal yards, and bent gear. At 7<sup>00</sup> bent light sails. Aneroid 30.48.

8 A.M. to Meridian. Weather somewhat hazy but pleasant. Light airs from N. to E. Barometer steady. Cirro cumulus clouds. At 9<sup>30</sup> mustered and inspected at quarters, finding Thos Wynne, (Fin) D. Montgomery (1c7) and John McMullin (2c7) absent without leave. At 9<sup>35</sup> made signal (Int.) 5520. which "Monocacy" answered with 904. Exercised with sails. The "P. and O." steamer from Yokohama for Hong Kong came in and made fast to buoy at 11<sup>30</sup>. "Palos" started fires at 11<sup>15</sup>. At 9<sup>00</sup> started fires in two forward port boilers for distilling purposes. Aneroid barometer 30.43. John McMullin (2c7) was brought on board by the Deputy U.S. Marshal a reward of ten dollars having been offered for his apprehension and delivery on board.

Carl Kohl, Lieut

Meridian to 4 P.M. Weather cloudy and pleasant. Light breeze from N.E. Barometer steady. At 1<sup>00</sup> started distilling. At 2<sup>00</sup> the Japanese man of war got under way and left the harbor. The U.S.S. "Palos" left at 2<sup>15</sup>. By order of Commanding Officer placed John McMullin (2c7) in double irons for being drunk and disorderly on board ship. Placed Harvey Lake (Pvt) in double irons for being drunk and violently abusive on board. Aneroid at end of watch 30.38

Carl Kohl, Lieut

4 to 8 P.M. Weather pleasant. Light breeze from N.N.E. Barometer steady. At 4<sup>30</sup> made signal Interrogatory No 6068. which Monocacy answered with signal No. 904. Sent down royal and topgallant yards and unbent light sails. By order of Commanding Officer released John McMullin (2c7) from confinement. The P&O steamer left for Hong Kong at 6<sup>00</sup>. Distilling water. Aneroid Barometer 30.40

Carl Kohl, Lieut

8 P.M. to Midnight. Weather partly cloudy and pleasant. Light breeze from E.N.E. Barometer steady. Distilling. Aneroid at end of watch 30.40.

Carl Kohl, Lieut.

Moon 1 mid Examined and found to be correct.

Dec. 12°.34'.36" S'

Phase First Quarter.

W. H. Parker  
Lieut and Navigator.

LOG of the UNITED STATES Steamer "Essex," 3<sup>d</sup> Rate, 6 Guns,  
Anchored off Nagasaki, Japan

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	N.N.E.	N.N.E.	1	30.28	62 57 55	bc	circum	8	S							
2	"	"	1	30.28	62 57 55	"	"	8	"							
3	"	balm	0	30.27	62 57 55	b	-	10	"							
4	"	East	1	30.27	62 57 55	"	-	10	"							
5	"	balm	0	30.26	62 57 55	"	-	10	"							
6	North	N.N.E.	1	30.25	62 57 55	bc	acum	8	"							
7	N.E.	"	1	30.25	62 57 55	"	"	8	"							
8	"	"	1	30.27	62 57 55	"	"	8	"							
9	"	"	1	30.29	64 61 56	"	cir	9	"							
10	"	"	1	30.30	64 64 57	"	"	9	"							
11	E.N.E.	E.N.E.	2	30.30	65 66 59	"	"	9	"							
Noon.	"	"	2	30.30	66 67 59	"	"	9	"							

Distance run by Log since preceding Noon

knots fathoms.

Latitude by D. R. at Noon

° ' "

Longitude by D. R. at Noon

° ' "

Latitude by Observations at Noon ☽

° ' "

Longitude by Chronometer from Forenoon Observations ☽

° ' "

Current during the time knots fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

° ' "

Variation of the Compass by Azimuth ☽ observed at

° ' "

Water expended during the preceding 24 hours

310 gallons.

Water distilled during the preceding 24 hours

800 "

Water remaining on hand fit for use at Noon

1010 "

Coal consumed during the preceding 24 hours

2 tons 1420 lbs.

Coal remaining on hand at Noon

50 " 1100 "

P. M.																	
Anchored	E.N.E.	E.N.E.	2	30.27	66 67 59	bc	circum	8	S								
2	"	"	2	30.25	67 67 60	"	"	8	"								
3	"	"	2	30.25	67 68 60	"	"	8	"								
4	"	"	2	30.25	67 67 60	"	"	8	"								
5	"	"	2	30.25	67 67 60	"	"	7	"								
6	N.E.	N.N.W.	2	30.26	67 66 61	"	"	9	"								
7	"	"	2	30.27	66 64 60	b	-	10	"								
8	"	"	2	30.27	66 64 60	"	-	10	"								
9	"	"	1	30.30	67 64 60	"	"	9	"								
10	"	"	1	30.30	67 60 56	"	"	9	"								
11	N.N.E.	N.N.E.	2	30.30	65 59 55	"	"	8	"								
Mid.	"	"	2	30.30	65 59 55	"	"	8	"								

Longitude by Chronometer from Afternoon Observations ☽

° ' "

Longitude by Chronometer from Observations \*

° ' "

Variation of the Compass by Amplitude observed at Sunset

° ' "

Variation of the Compass by at

° ' "

under the command of Commander A. H. McCormick, U. S. Navy,  
Thursday November 8<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant, light airs from N.W.E. to East. Bright starlight. Aneroid Barometer 30.40. Distilling.

W. M. Summ<sup>W.M.S.</sup> Lieut.

4 to 8 A.M. Weather pleasant. Light airs from N.W.E. in latter part of watch and calm. in first part. At 6<sup>30</sup> H.B.M. "Vigilant" came in and anchored. Barometer steady. Sino cumulus clouds. At 7<sup>30</sup> made signal Interrogatory No. 5461. which "Monocacy" answered with signal No 904. Crossed topgallant and royal yards and loosed sail. Received on board for crew 93 lbs of fresh beef, 43 lbs of vegetables and 74 loaves of bread. At 8<sup>o</sup>. hoisted the guard flag. Distilling water. Aneroid Barometer 30.43

Tarl Kohler<sup>K.R.</sup> Lieut.

8 A.M. to Meridian. Weather clear and pleasant. Light breeze from N.d and E.<sup>d</sup>. Barometer steady. Sent an officer to board H.M.S. "Vigilant" at 8<sup>o</sup>. At 8<sup>50</sup> the "Monocacy" made signal 1087. At 9<sup>o</sup> made signal numeral 2. At 10<sup>o</sup> made numeral 3. At 10<sup>15</sup> made interrogatory 4826. and at 10<sup>20</sup> furled sail. The "Monocacy" answered 904. Mustered at quarters at 9<sup>30</sup> and exercised divisions at company drill, and Marine Guard, and 1<sup>st</sup> Division at Howitzer, and 3<sup>rd</sup> Division at Gatting Gun. The Commanding Officer of the "Vigilant" visited the ship officially at 11<sup>o</sup>. By order of Commanding Officer released H. Gibb est. (S. M. M.) from confinement. Oscar Smith (C.T) was disgrated for insolence to officer of deck. James Cameron (C.F.C) was given five extra first watches for being disrespectful to officer of deck. Chas Lloyd (O.S.) five first watches for neglect of duty. and Harvey Lake (Pvt. M) 5 days solitary confinement on bread and water for being drunk and disorderly returning from liberty. Distilling. Received from U.S. Naval Storehouse 33 coils Manilla rope. Reeing off new running rigging. Aneroid at end of watch 30.40.

C.P. Key<sup>C.P.K.</sup> Lieut

Meridian to 4 P.M. Pleasant weather. Gentle breeze from E.N.E. At 2<sup>50</sup> stopped distilling and hauled fires. Crew employed reeing off new running rigging. Aneroid Barometer 30.36. Fired sixteen 1X inch shell.

W. M. Summ<sup>W.M.S.</sup> Lieut

From 4 to 8 P.M. Weather clear and pleasant. Light variable winds. Barometer steady. At 4.03 the "Monocacy" made signal 1087. At 4<sup>25</sup> made interrogatory signal 6068. The "Monocacy" answered 904. Sent down topgallant and royal yards at 4<sup>35</sup>. Mustered at quarters at 4<sup>45</sup>. Aneroid at end of watch 30.41.

C.P. Key<sup>C.P.K.</sup> Lieut

8 P.M. to midnight. Clear and pleasant. Bright moonlight and starlight. Gentle breeze from N.W. Aneroid Barometer 30.44.

W. M. Summ<sup>W.M.S.</sup> Lieut

Moon l. mid Examined and found to be correct.

Dec. 8° 57' 30." S

Phase. First quarter

W. M. Summ<sup>W.M.S.</sup>  
Lieut and Navigator.

LOG of the UNITED STATES

Steamer "Essex."

Rate,

Guns,

Unchored off Nagasaki Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	N by E	N by E	2	30.30	64 59 53		bc	cir	9	S						
2	"	"	2	30.30	63 58 54		"	"	9	"						
3	"	"	2	30.29	62 57 53		"	"	9	"						
4	"	"	2	30.29	62 57 53		"	"	9	"						
5	"	"	2	30.29	61 58 51		"	"	9	"						
6	"	"	2	30.29	61 58 51		"	circum and strat	8	"						
7	N.E.	N E	2	30.30	61 58 51		"	circum	7	"						
8	"	"	2	30.30	62 59 51		"	"	7	"						
9	"	"	1	30.28	63 60 52		"	"	7	"						
10	"	"	1	30.27	64 63 53		"	"	6	"						
11	"	"	1	30.26	65 63 54		"	"	4	"						
Noon.	"	"	1	30.26	65 65 53		"	"	3	"						

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☉

°

"

Longitude by Chronometer from Forenoon Observations ☉

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ☉ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☉ observed at

°

"

Water expended during the preceding 24 hours

380

gallons.

Water distilled during the preceding 24 hours

2500

"

Water remaining on hand fit for use at Noon

3510

"

Coal consumed during the preceding 24 hours

tons 500

lbs.

Coal remaining on hand at Noon

50 "

600

P. M.																
Anchored	S. E	S. E. by S.	1	30.25	65 65 56		bc	circum	5	S						
2	"	East	1	30.24	65 65 56		"	"	3	"						
3	"	"	1	30.24	65 65 56		"	"	1	"						
4	"	"	1	30.24	65 65 56		"	"	1	"						
5	"	S. S. W.	Calm	0	30.24	64 65 59	"	cir and cum-strat	1	"						
6	"	N. E.	"	0	30.24	64 64 58	bcn	"	1	"						
7	"	"	0	30.25	65 63 58	"	"	"	1	"						
8	"	"	0	30.25	64 61 57	"	"	"	2	"						
9	"	"	0	30.23	64 61 57	"	"	"	2	"						
10	"	N. N. E.	N. E.	1	30.23	64 61 57	"	"	2	"						
11	"	"	1	30.23	64 61 57	OCM	"	0	"	"						
Mid.	"	"	1	30.22	63 60 56	"	"	0	"	"						

Longitude by Chronometer from Afternoon Observations ☉

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude observed at Sunset

°

"

Variation of the Compass by at

°

"

under the command of Commander A. H. Mc Cormick, U. S. Navy,  
Friday November 9<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant light breeze from N by E. Aneroid 30.44. *Wainwright-Keeoge w<sup>r</sup>pt* Lieut.

From 4 to 8 A.M. Weather clear and pleasant. Light breeze from N.E. and E.<sup>rd</sup> Barometer steady. At 7<sup>20</sup> made signal interrogatory 6144. The "Monocacy" answered. 904. Crossed topgallant yards at 7<sup>25</sup>. At 7<sup>30</sup> H. M. S. "Audacious" anchored in the harbor. Hauled down guard flag at 8<sup>00</sup>. Aneroid at end of watch 30.44.

8 A.M. to Meridian. Pleasant weather. Gentle breeze from N.E. At 9<sup>00</sup> made signal numeral 3 and at 10<sup>00</sup> made numeral 3 again. "Monocacy" answered. At 9<sup>30</sup> exercised at clearing ship for action followed by General Quarters. H. B. M. S. "Albatross" came in and anchored. Commanding Officer left the ship to pay official visits. Sent ashore an offer of \$10. reward each for the apprehension and delivery on board of John Kennedy (Boiler Master) John Flaherty (1c.F.) and John McCann (2c.F.). At 11<sup>30</sup> the Deputy Marshall brought them on board and was paid the rewards. By order of Commanding Officer placed John Kennedy (Boiler Master) and John McCann (2c.F.) in double irons under sentry's charge for safe keeping. Hoisted out sailing launch. Aneroid Barometer 30.40. Lieuts W. Kellogg, K. Rohrer, and W. M. Irwin went on board the "Monocacy" as a board of survey in Construction Department. *C.P.R. Lieut*

Meridian to 4 P.M. Cloudy. Pleasant. Light variable airs and calms. Aneroid 30.35. *W.M. Summ<sup>w.m.s</sup> Lieut*

4 to 8 P.M. Cloudy and calm. Barometer steady. Mustered at quarters at 4.45. Aneroid Barometer 30.35. *W.M. Summ<sup>w.m.s</sup> Lieut*

8 P.M. to Midnight. Clear and Pleasant. Light breeze from N.E. Aneroid 30.35. *Wainwright-Keeoge w<sup>r</sup>pt Lieut*

Moon. l. mid Examined and found to be correct.

Dec. 4° 46' 13" S

Phase. First quarter.

*W. J. Parker*  
Lieut and Navigator.

LOG of the UNITED STATES Steamer "Essex.", 3<sup>d</sup> Rate, 6 Guns,  
Anchored off Nagasaki Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prcp. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	N.N.E.	N.N.E.	1	30.18	63 50 55	ocm	cum and nimbus	0	S							
2	"	"	1	30.16	63 59 56	"	"	0	"							
3	North	"	1	30.16	63 59 55	"	"	0	"							
4	"	"	1	30.14	63 59 55	"	"	0	"							
5	"	"	1	30.15	62 59 56	"	cum nimbus	0	"							
6	N.N.E.	"	1	30.15	62 60 57	ocd	"	0	"							
7	"	"	1	30.15	62 60 57	"	"	0	"							
8	"	Calm.	0	30.16	62 60 57	"	"	0	"							
9	"	"	0	30.15	62 60 58	"	"	0	"							
10	"	N.N.E.	1	30.15	64 61 58	"	"	0	"							
11	East	East.	1	30.13	65 62 58	bc	cum and stratus	1	"							
Noon.	"	"	1	30.16	65 62 58	"	"	1	"							

Distance run by Log since preceding Noon

knots      fathoms.

Latitude by D. R. at Noon

°      '      "

Longitude by D. R. at Noon

°      '      "

Latitude by Observations at Noon ☽

°      '      "

Longitude by Chronometer from Forenoon Observations ☽

°      '      "

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°      '      "

Variation of the Compass by Azimuth ☽ observed at

°      '      "

Water expended during the preceding 24 hours

340 gallons.

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

3170 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

50 " 300 "

P. M.																	
Anchored	S.E.	E.S.E.	2	30.08	65 64 59	bcp	cum and nimbus	1	S								
2	"	"	1	30.06	65 64 60	ocp	"	0	"								
3	"	"	1	30.04	65 64 60	"	"	0	"								
4	"	"	1	30.02	65 64 60	"	"	0	"								
5	"	"	1	30.01	65 64 60	"	"	0	"								
6	N.E.	N.E.	1	29.97	65 64 60	"	"	0	"								
7	N. by E.	N. by E.	1	29.98	65 63 60	"	"	0	"								
8	"	"	1	29.98	65 60 58	bcr	cum and circum	1	"								
9	North	North	1	29.98	65 60 59	ocv	nimbi	0	"								
10	"	"	1	29.98	65 61 59	bcp	cum and circum	3	"								
11	East	East.	1	29.97	65 61 59	bc	"	7	"								
Mid.	"	"	1	29.97	65 61 59	"	"	4	"								

Longitude by Chronometer from Afternoon Observations ☽

°      '      "

Longitude by Chronometer from Observations \*

°      '      "

Variation of the Compass by Amplitude      observed at Sunset

°      '      "

Variation of the Compass by      at

°      '      "

under the command of Commander A. H. W. Cormick, U. S. Navy,  
Saturday November 10<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commencing and until 4 A.M. Weather overcast and somewhat hazy. Light breeze from N.N.E. Barometer falling. At 12.<sup>15</sup> the Mail steamer for Yokohama got under way. Aneroid Barometer 30.32

Karl Rohr Lieut.

4 to 8 A.M. Overcast and cloudy with light drizzling rain. Light airs from N.N.E., calm last hour. Received on board for use of crew 97 lbs of Fresh Beef and vegetables and 74 loaves bread. At 7<sup>oo</sup> "Monocacy" made dress signal "all blue" Aneroid Barometer 30.30.

W. M. Orr <sup>wms</sup> Lieut.

8 A.M. to Meridian. Cloudy. Drizzling rain first two hours of watch. At 9<sup>30</sup> mustered at quarters. English Vice Admiral left the harbor in H.B.M.S. "Vigilant." By order of Commanding Officer, John Kennedy (Boiler Master) and John McCann (2.c.F.) were placed in double irons for safe keeping to await trial by Court Martial for being drunk and disorderly and assaulting U.S. Marshal. Received an official visit from Commanding Officer of H.B.M.S. "Audacious." Aneroid 30.24.

W. M. Orr <sup>wms</sup> Lieut.

Meridian to 4 P.M. Weather overcast. Passing showers of rain. light breeze from E.S.E. Barometer falling. At 2<sup>30</sup> H.B.M.S. "Albatross" got under way and left the harbor. Received on board in Navigator's Department 25 envelopes, 1 ream of note paper, 4 thermometers, 1 ledger and 1 press copying book. Aneroid Barometer 30.17.

Karl Rohr <sup>KR</sup> Lieut.

4 to 8 P.M. Overcast. Raining during entire watch. At 4<sup>45</sup> mustered at quarters. Light variable airs. Aneroid 30.15. M. Sullivan (1.c.F.) was placed in single irons for safe keeping, being drunk. W. M. Orr <sup>wms</sup> Lieut.

8 P.M. to Midnight. Weather rainy in first part of watch, clearing up in latter part. Light breeze from N to E. Barometer steady. Aneroid Barometer 30.13

Karl Rohr <sup>KR</sup> Lieut.

Moon 1 mid Examined and found to be correct.

Dec. 0° 11' 04" S

Phase. First quarter.

W. S. Parker  
Lieut and Navigator.

LOG of the UNITED STATES Steamer "Essex.", 3d Rate, 6 Guns,  
Anchored off Nagasaki Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Levvy.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clean Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. at'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored			East	Balm	0		29.97	64	63	61			Nimb	6	1	
2	"	"		"	0		29.97	64	63	61			ocd	"	0	"
3	"	"		"	0		29.96	65	63	61			"	"	0	"
4	"	"		"	0		29.95	65	63	61			oc	"	0	"
5	"		E.N.E	E.N.E	1		29.95	65	63	62			"	"	0	"
6	"		North	North	1		29.94	65	62	61			ocr	"	0	"
7	"	"		"	1		29.96	65	62	61			bcd	circum and strat	3	"
8	"	"		Balm	0		29.98	65	62	61			bcl	circum and strat	5	"
9	"	"		"	0		30.01	68	65	63			bc	circum	7	"
10	"	"		West	1		30.02	69	66	63			"	"	7	"
11	"	"		N by E	1		30.02	68	66	64			"	circum and nimb	5	"
Noon.				"	1		30.02	68	67	64			"	"	5	"

Distance run by Log since preceding Noon

knots fathoms.

Latitude by D. R. at Noon

° ' "

Longitude by D. R. at Noon

° ' "

Latitude by Observations at Noon ☽

° ' "

Longitude by Chronometer from Forenoon Observations ☽

° ' "

Current during the time knots fms. per hour, setting to the

° ' "

Variation of the Compass by Amplitude ☽ observed at Sunrise

° ' "

Variation of the Compass by Azimuth ☽ observed at

° ' "

Water expended during the preceding 24 hours

330 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2840 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

50 " 00 "

P. M.																	
Anchored	N.N.E	N by E.		1		29.99	67	67	63			bc	cum cum and nimb	3	1		
2	"	"	"	1		29.97	68	67	63			"	cum and circum	4	"		
3	"	"	"	1		29.97	68	67	63			"	"	4	"		
4	"	"	"	1		29.97	68	67	63			"	"	3	"		
5	"	N.N.W	N.W.	1-3		29.98	67	67	61			bog	cum and nimb	4	"		
6	"	"	"	1-3		29.98	67	67	61			"	"	4	"		
7	"	"	"	1-3		29.99	68	67	61			"	"	5	"		
8	"	"	"	1-3		30.03	68	67	61			"	"	3	"		
9	"	"	N.N.W	1		30.07	67	64	59			bc	"	1	"		
10	"	"	"	1		30.07	67	63	58			"	"	1	"		
11	"	"	"	2-4		30.09	66	62	57			bog	"	1	"		
Mid.	"	"	"	2-4		30.10	66	60	55			"	"	1	"		

Longitude by Chronometer from Afternoon Observations ☽

° ' "

Longitude by Chronometer from Observations \*

° ' "

Variation of the Compass by Amplitude observed at Sunset

° ' "

Variation of the Compass by at

° ' "

under the command of

Commander A. H. McCormick.

, U. S. Navy,

Sunday November 11<sup>th</sup>

, 1853.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather overcast and drizzling with occasional clear intervals. Barometer falling. Aneroid at end of watch 30<sup>11</sup>/<sub>4</sub>

C. P. R. Lieut.

4 to 8 A.M. Overcast. Heavy rain first two hours of watch, clearing weather remainder of watch. Light variable airs and calms. At 6<sup>oo</sup> released M. Sullivan (C.F.) from confinement. Hauled down guard flag at 8<sup>oo</sup>. Aneroid 30.18.

W. W. W. - Keage

Lieut.

8 to Meridian. Weather clear and pleasant. Calm in first part of watch, and breeze light from N by E to West in latter part. Barometer steady. At 9<sup>30</sup> mustered and inspected crew at quarters: the Captain inspecting ship and crew. Aneroid Barometer 30.16.

J. Hart W. W. Lieut.

From Meridian to 4 P.M. Weather partly cloudy and pleasant, light airs from N by E. Barometer steady. Aneroid at end of watch 30.12.

C. P. R. Lieut.

4 to 8 P.M. Weather somewhat squally. Breeze light to gentle from N.W. Barometer steady. Cumulus and nimbus clouds. Aneroid Barometer 30.20.

J. Hart W. W. Lieut.

From 8 P.M. to Midnight. Weather cloudy and squally. Barometer rising. Jas Beith (M at A) reported return from special duty at Yokohama. Aneroid at end of watch 30.25.

C. P. R. Lieut.

Moon: l mid Examined and found to be correct.

Dec. 4° 32' 49" N.

Phase First quarter

W. J. Parker  
Lieut and Navigator

LOG of the UNITED STATES

*Steamer "Essex."*, 3<sup>d</sup> Rate, 6 Guns,  
Anchored off Nagasaki Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sea the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	N.N.W.		N.N.W.	2-4			30.12	65	59	54		ocgm	cum & cir cum	0	S	
2	"	"	"	2-4			30.12	64	58	53		"	"	0	"	
3	"	W.N.W.	N.W.	2-4			30.12	63	57	53		lcgm	"	3	"	
4	"	"	"	2-4			30.14	62	56	51		"	"	4	"	
5	"	"	"	2-4			30.15	62	56	51		bcg	"	3	"	
6	"	N.W.	"	3			30.15	62	55	49		bc	"	2	"	
7	"	"	"	3			30.15	62	55	49		"	cu cum	2	"	
8	"	"	"	3			30.20	62	55	49		"	"	2	"	
9	"	N.W. by N	N.W. by N	2-4			30.25	60	52	48		bcg	"	2	"	
10	"	N by W.	N by W.	2-4			30.28	60	53	48		"	"	4	"	
11	"	N.W.	"	2-4			30.28	60	54	48		"	"	6	"	
Noon.	"	"	"	3-5			30.26	60	54	48		"	"	4	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

° ' "

Longitude by D. R. at Noon

° ' "

Latitude by Observations at Noon ☽

° ' "

Longitude by Chronometer from Forenoon Observations ☽

° ' "

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

° ' "

Variation of the Compass by Azimuth ☽ observed at

° ' "

Water expended during the preceding 24 hours

340 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2500 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

49 " 1940 "

P. M.																
Anchored	North		North	2-4			30.27	60	53	48		bcg	min & cir cum	4	S	
2	"	"	"	2-4			30.27	60	53	47		"	"	3	"	
3	"	"	"	2-4			30.27	60	52	46		"	cir cum	5	"	
4	"	"	"	2-4			30.28	59	52	46		"	"	5	"	
5	"	"	"	2-4			30.28	58	50	45		"	"	5	"	
6	"	"	"	2			30.30	62	50	44		bc	cir cum and stratus	6	"	
7	"	"	"	2			30.32	65	49	43		"	cir cum	4	"	
8	"	"	"	2			30.32	66	49	43		"	"	2	"	
9	"	"	"	2			30.33	67	48	43		"	"	3	"	
10	"	N.N.W.	"	1			30.33	67	48	44		"	"	3	"	
11	"	N.N.E.	N.N.E.	1			30.33	66	49	45		"	"	2	"	
Mid.	"	"	"	1			30.33	66	49	45		"	"	5	"	

Longitude by Chronometer from Afternoon Observations ☽

° ' "

Longitude by Chronometer from Observations \*

° ' "

Variation of the Compass by Amplitude      observed at Sunset

° ' "

Variation of the Compass by      at

° ' "

under the command of

Commander A. H. McCormick, U. S. Navy,  
Monday, November 12<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy and squally partly clearing towards the close. Wind from N.N.W. to N.W. Barometer steady. Aneroid Barometer 30.30.

W. M. Inniss Lieut

4 to 8 A.M. Weather cool. Breeze light to moderate in squalls from N.W. Barometer steady. Cumulus and cirro cumulus clouds. At 7<sup>25</sup> made signal Interrogatory No 6071, which "Monocacy" answered with No 904. Crossed royal yards, and loosed sail with "Monocacy." Aneroid Barometer 30.41. Hoisted guard flag at 8<sup>oo</sup> o'clock.

H. A. Rohr, R.R. Lieut

8 A.M. to Meridian. Weather partly cloudy and squally. Barometer rising. Wind from N.E. and W.E. Mustered at quarters at 9<sup>30</sup> and exercised 1<sup>st</sup> and 3<sup>rd</sup> Divisions at small arms, 2<sup>nd</sup> Division and Marine Guard at small arms. Powder Division at passing powder. Afterwards exercised companies at Battalion drill. Turbed sail at 11<sup>30</sup>. Aneroid at end of watch 30.42. By Order of Commanding officer the following punishments were awarded to Henry Furman (P.M.) two hours extra duty for being out of uniform, and Gustav Nagle 4 hours for not having knife aloft.

C. P. Key, R.R. Lieut

Meridian to 4 P.M. Cloudy and cool. Moderate breeze from North with frequent squalls. Barometer steady. Received on board in Equipment Department 81 1/2 yards F. Canvass, 163 yds C. Canvass, 128 lbs spun yarn, 193 yds C.R. Duck, 48 com brooms, 10 lbs C. Twine, and 10 lbs Tallow. At 12<sup>oo</sup> started fires in two Port forward boilers to heat the ship. At 1<sup>oo</sup> Summary Court-Martial convened on board for the trial of John Kennedy (Boiler Master) At 2<sup>oo</sup> the court adjourned. Aneroid Barometer 30.43. Received in Ordnance Department, One, 15 Ordnance Ledger, 3 lbs. of three penny nails; iron. W. M. Inniss Lieut From 4 to 8 P.M. Weather partly cloudy and pleasant. Light breeze from N.E. Barometer rising. Mustered at quarters at 4<sup>45</sup>. Sent down topgallant and royal yards, and topgallant masts at 4<sup>30</sup>. Aneroid at end of watch 30.48.

C. P. Key, R.R. Lieut

8 P.M. to Midnight Cloudy and cool. Light breeze from North, hauling to N.E. Aneroid Barometer 30.58.

W. H. Inniss R.M. Lieut

Moon 1 mid Examined and found to be correct.

Dec. 9° 07' 31" N

Phase. First quarter

W. J. Parker  
Lieut and Navigator

LOG of the UNITED STATES

Steamer "Essex"

3<sup>d</sup> Rate,

6 Guns,

Anchored off Nagasaki, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	P. of Clean Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	N.E.	N.E.	1	30.33	66 49 45							bc	cum cum	5	S	
2	"	"	1	30.33	66 49 45							"	"	4	"	
3	"	N.N.E.	1	30.33	66 48 45							"	cir cum	4	"	
4	"	"	1	30.31	66 47 44							"	"	2	"	
5	"	"	1	30.32	66 49 45							"	"	3	"	
6	"	N.E.	1	30.34	66 49 45							"	cum and circum	2	"	
7	"	"	1	30.34	61 49 45							"	"	3	"	
8	"	"	1	30.35	61 49 45							"	"	5	"	
9	"	"	1	30.35	61 50 45							"	"	6	"	
10	"	N.N.E.	2	30.35	65 53 44							"	"	7	"	
11	"	"	2	30.35	70 55 49							"	"	4	"	
Noon.	"	"	2	30.37	71 55 49							"	"	5	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

330 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2170 "

Coal consumed during the preceding 24 hours

1 tons 560 lbs.

Coal remaining on hand at Noon

150 " 300 "

P. M.																	
Anchored	North	N by W	2	30.34	71 55 49							bc	circum	4	S		
2	"	"	1	30.30	71 55 49							"	"	5	"		
3	"	N by W	1	30.30	72 56 50							"	"	2	"		
4	"	"	1	30.30	72 56 50							"	"	2	"		
5	"	N.W. by N	1	30.30	73 55 50							"	"	1	"		
6	"	"	1	30.30	73 55 51							"	cirro cum ana ceros celestial	4	"		
7	"	N.W. E	1	30.30	73 55 51							"	"	5	"		
8	"	"	1	30.30	67 53 50							"	cirro cum and cir	5	"		
9	"	"	1	30.28	66 53 50							"	"	2	"		
10	"	N.E	0	30.28	65 53 50							"	cum	2	"		
11	"	"	2	30.28	65 52 50							"	"	3	"		
Mid.	"	"	2	30.27	65 52 50							"	"	2	"		

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

\*

°

"

Variation of the Compass by Amplitude    observed at Sunset

°

"

Variation of the Compass by                          at

°

"

under the command of

Commander A. H. McCormick

, U. S. Navy,

Tuesday November 13<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commencing and until 4 A.M. Clear and cool. Light variable airs from N.E. and E.S. Moonlight. Aneroid 30.45. Wainwright-Keeoge <sup>W.H. Lieut.</sup>

From 4 to 8 A.M. Weather cloudy and pleasant. Gentle breeze from N.E. and E.S. Barometer rising. Sent up topgallantmasts and topgallant yards, and royal yards at 6<sup>45</sup>. Commenced coaling ship at 6<sup>45</sup>. Received in Navigation Department 20 Lamp Chimneys, 2. 9 lbs Leads, 20 yards of yellow bunting. Received for use of ships company 93 lbs Fresh Beef, 93 lbs vegetables, and 74 loaves bread. Aneroid at end of watch 30.48. <sup>G. R. S. Lieut.</sup>

8 A.M. to Meridian. Partly cloudy. Gentle breeze from N.N.E. Continued coaling ship. At 9<sup>00</sup> made signal numeral 0, and 10<sup>00</sup> made numeral 4. At 10<sup>40</sup> "Monocacy" made signal 3093. Answered and in response to signal the Commanding Officer repaired on board the "Monocacy". By order of Commanding Officer released Harvey Lake (Pvt Marine) from confinement. Dispensed with quarters on account of coaling ship. Aneroid Barometer 30.49.

W.H. S. <sup>w.m.s</sup> Lieut  
Meridian to 4 P.M. Cloudy, cool. Light breeze from N.W. Received a visit from Officer from Russian Gun Boat "Stora" to pay farewell visit, and offering to take Mails to Tientsin, China. Aneroid 30.44. Finished coaling. Received on board 101 tons. Wainwright-Keeoge <sup>W.H. Lieut.</sup>

4 to 8 P.M. Cloudy and cool. Light breeze from N.W. At 4<sup>50</sup> "Monocacy" made signal 6140. Answered and sent down Topgallant yards. Received on board in Navigation Department 150 gallons Tea Oil, and 4 Lamp shades. Aneroid Barometer 30.44. <sup>W.H. S. Lieut.</sup>

8 P.M. to Midnight. Cloudy. Cool. Light airs from N.N.E. and calm. Aneroid 30.42. Russian Gunboat went to sea. Wainwright-Keeoge <sup>W.H. S. Lieut.</sup>

Moon. L. mid Examined and found to be correct.

Dec. 13° 11' 59" N

Phase. First quarter

W. S. Parker  
Lieut and Navigator

LOG of the UNITED STATES

*Steamer "Essex,"* , 3<sup>d</sup> Rate, 6 Guns,  
Anchored off Nagasaki Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clean Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
	Anchored N.E.		N.E.	1			30.27	63	53	50		lc	circum	2	S	
2	" S. Elys		"	1			30.27	63	52	50		oc	"	0	"	
3	" "		"	1			30.25	63	52	50		lc	"	1	"	
4	" W.L.W.		"	1			30.23	63	52	50		oc	cum & circum	0	"	
5	" "		East	1			30.22	62	53	53		lc	cum and niml	3	"	
6	" "		Balm	0			30.21	63	56	53		"	"	1	"	
7	" E.N.E.		E.N.E.	1			30.21	62	57	55		bed	"	1	"	
8	" "		"	1			30.21	63	57	55		lc	circum and niml	3	"	
9	" "		"	1			30.21	65	57	55		bed	"	1	"	
10	" North		North	1			30.21	67	58	56		oc	"	0	"	
11	" "		"	1			30.20	67	58	56		ocp	"	0	"	
Noon.	" "		"	1			30.18	68	57	55		oc	"	0	"	

Distance run by Log since preceding Noon

knots fathoms.

Latitude by D. R. at Noon

° ' "

Longitude by D. R. at Noon

° ' "

Latitude by Observations at Noon ☽

° ' "

Longitude by Chronometer from Forenoon Observations ☽

° ' "

Current during the time knots fms. per hour, setting to the

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

° ' "

Variation of the Compass by Azimuth ☽ observed at

° ' "

Water expended during the preceding 24 hours

340 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1830 "

Coal consumed during the preceding 24 hours

1 tons 360 lbs.

Coal remaining on hand at Noon

148 " 2180 "

P. M.																	
	Anchored N by W.		North	2			30.16	69	56	53		oc	circum and niml	0	S		
2	" "		"	2			30.13	69	56	53		"	"	0	"		
3	" North		"	2			30.10	69	56	53		ocd	niml	0	"		
4	" "		"	2			30.09	69	56	53		"	"	0	"		
5	" N.N.W.		"	2			30.09	69	55	54		oc	"	0	"		
6	" N by W.		"	1			30.09	69	53	54		"	"	0	"		
7	" "		"	1			30.10	69	53	54		ocv	"	0	"		
8	" North		"	1			30.10	69	53	54		"	"	0	"		
9	" "		"	1			30.12	67	56	54		"	cum and niml	0	"		
10	" "		"	1			30.12	67	57	54		"	"	0	"		
11	" "		"	1			30.12	65	57	55		"	"	0	"		
Mid.	" "		"	1			30.12	64	56	54		"	"	0	"		

Longitude by Chronometer from Afternoon Observations ☽

° ' "

Longitude by Chronometer from Observations \*

° ' "

Variation of the Compass by Amplitude observed at Sunset

° ' "

Variation of the Compass by at

° ' "

under the command of

Commander A. H. W<sup>C</sup> Cormick.

, U. S. Navy,

Wednesday November 14<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. weather cool. Light breeze from N.E.  
Barometer falling. Aneroid Barometer. 30.40.

Hart Whittier R.R. Lieut.

4 to 8 A.M. Cloudy with light drizzling rain greater part of watch. Calm last hour. Light airs from E.N.E. remainder of watch. At 7<sup>00</sup> "Monocacy" made dress signal "all blue" and at 7<sup>25</sup> signal 6069: crossed topgallant and royal yards. Aneroid Barometer 30.35. H.M.S. "Audacious" went into dock at 6<sup>00</sup>. Haybed down gward flag at 8<sup>00</sup>.

W.M. Hamm. R.R. Lieut.

8 A.M. to Meridian. Cloudy. Raining last two hours of watch. Light airs from N.E. and E.S.E. At 9<sup>30</sup> mustered at quarters. Private Lavelle. absent without leaves. Exercised 1<sup>st</sup> Division at Howitzer, 2<sup>nd</sup> at small arms, 3<sup>rd</sup> at Gatling gun, and Marines at Howitzer. Aneroid 30.32. Distilling. Wainwright - Keeney W.R. Lieut.

Meridian to 4 P.M. Weather overcast, cloudy and damp. Drizzling rain in latter part of watch. Light breeze from N. Barometer falling. Received on board two pieces of the engine which had been on shore for repairs. At 1<sup>15</sup> called "all hands to muster" and read the proceedings of a summary court martial in the cases of John Kennedy (Boiler Maker) and John McCann (2.c.F). both were found guilty by the court, the former sentenced to thirty days solitary confinement in double irons on bread and water, full rations every third day; and the latter to thirty days solitary confinement in double irons on bread and water, full rations every third day, and to loose one month his pay amounting to twenty six and a half dollars \$26.50. The proceedings, findings and sentence was approved in each case by the Commanding Officer, and by the senior officer present, except that of the sentence in regard to loss of pay, which is referred to the Com. Secretary of the Navy for his approval. The before mentioned men were confined in accordance with their respective sentences by order of Commanding Officer. Aneroid Barometer 30.28. Distilling.

Hart Whittier R.R. Lieut

4 to 8 P.M. Cloudy. Raining during entire watch. Light breeze from North. At 4<sup>45</sup> mustered at quarters. At 4<sup>40</sup> "Monocacy" made signal 6068. and at sunset, sent down topgallant and royal yards. Distilling. Aneroid 30.30.

Wainwright - Keeney W.R. Lieut.

8 P.M. to Midnight. Weather rainy and cool. Light breeze from N. Barometer steady. Cumulus and nimbus clouds. Distilling water. Aneroid Barometer 30.29.

Hart Whittier R.R. Lieut.

Moon 1 mid Examined and found to be correct.

Dec. 16°. 24' 52" N

Phase Full moon

W. S. Parker  
Lieut and Navigator

LOG of the UNITED STATES

*Steamer "Essex."*, 3<sup>rd</sup> Rate, 6 Guns,  
Anchored off Nagasaki Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevy.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. at'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	N.N.W.		N.N.W.	3			30.11	63	55	51		lc	cum anacum	4	S	
2	"		"	"	2		30.11	63	55	51		"	"	3	"	
3	"		"	"	2		30.10	63	55	50		scd	"	2	"	
4	"		"	"	2.4		30.10	62	64	50		scg	"	0	"	
5	"		"	"	2.4		30.12	60	54	49		"	"	0	"	
6	"		N by W.	"	2.4		30.12	59	52	49		bcg	circum	3	"	
7	"		"	"	2.4		30.13	57	52	48		"	"	6	"	
8	"		"	"	2		30.15	57	52	48		lc	"	7	"	
9	"		N.W.	N.W.	3		30.18	62	53	49		bcp	circum and nim	4	"	
10	"		"	"	2.4		30.19	62	53	49		bcgp	"	5	"	
11	"		"	"	2.4		30.19	63	53	49		"	"	5	"	
Noon.	"		"	"	2.4		30.18	63	53	48		bcg	"	5	"	

Distance run by Log since preceding Noon

knots      fathoms.

Latitude by D. R. at Noon

°      '      "

Longitude by D. R. at Noon

°      '      "

Latitude by Observations at Noon ☽

°      '      "

Longitude by Chronometer from Forenoon Observations ☽

°      '      "

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°      '      "

Variation of the Compass by Azimuth ☽ observed at

°      '      "

Water expended during the preceding 24 hours

330      gallons.

Water distilled during the preceding 24 hours

1700      "

Water remaining on hand fit for use at Noon

3200      "

Coal consumed during the preceding 24 hours

1 tons 1460 lbs.

Coal remaining on hand at Noon

147 " 720 "

P. M.																
Anchored	North		North	2.4			30.16	63	54	48		bcg d	cum anacum and nim	4	S	
2	"	"	"	2.4			30.16	63	54	48		bcgp	"	4	"	
3	"	"	"	2.4			30.16	65	54	48		bcg	circum	5	"	
4	"	"	"	2.4			30.16	65	54	48		"	"	3	"	
5	"	"	N.N.W.	2			30.16	65	54	48		lc	"	2	"	
6	"	"	"	2			30.16	65	54	48		"	cum and nim	4	"	
7	"	"	"	2			30.15	66	54	48		"	cum	7	"	
8	"	"	"	2			30.15	66	54	48		"	"	7	"	
9	"	N.E.	Balm	0			30.17	65	54	49		"	"	6	"	
10	"	"	N.E.	1			30.18	65	53	48		"	"	5	"	
11	"	"	"	1			30.18	64	52	48		"	"	4	"	
Mid.	"	"	"	1			30.17	64	51	48		"	"	4	"	

Longitude by Chronometer from Afternoon Observations ☽

°      '      "

Longitude by Chronometer from Observations \*

°      '      "

Variation of the Compass by Amplitude observed at Sunset

°      '      "

Variation of the Compass by      at

°      '      "

under the command of Commander A. H. McCormick, U. S. Navy,  
Thursday November 15<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather cloudy and cool. Gentle breeze from N.W. Barometer steady. Aneroid at end of watch 30.39. At 1<sup>50</sup> stopped distilling.

4 to 8 A.M. Cloudy with occasional light showers of rain, first three hours of watch. Clear and cool the remainder. At 7<sup>25</sup> "Monocacy" made signal 5461. At 7<sup>30</sup> crossed topgallant and royal yards and loosed sail. Banked fires under two boilers. At 8<sup>00</sup> hauled down guard flag. Received in Pay Department 93 lbs Fresh Beef and vegetables, and 74 loaves of bread. Aneroid 30.32.

C.P.H. Lieut  
Wm. Deere  
W<sup>2</sup> Lieut.

8 A.M. to Meridian. Weather squally; occasional light showers of rain. Breeze light to moderate from N.W. Barometer steady. Cirrus cumulus and nimbus clouds. Fires banked under two forward port boilers. Made the routine signals of list of absentees and sick at 9 and 10. At 9<sup>30</sup> mustered and inspec<sup>t</sup>ed crew at quarters, finding W. W. Lavelle (Pvt M) absent without leave: he was brought on board by Deputy U.S. Marshal at 10<sup>00</sup>. and a reward of \$10.00. which had been offered for his apprehension and delivery on board was paid. Exercised Marine Guard, 1<sup>st</sup> Division, at skirmish drill. 2<sup>nd</sup> at small arms, and 3<sup>rd</sup> at Breech Loading Rifle. By order of Captain W<sup>m</sup> Simpson (C.S.) is to stand six first watches for neglect of duty. At 10<sup>00</sup> "Monocacy" made signal No. 4826. answered and furled sail. Aneroid Barometer 30.34.

Harl Wohrn, Lieut

Meridian to 4 P.M. Weather cloudy and squally. Overcast, light passing showers of rain. Barometer steady. Aneroid at end of watch 30.32.

C.P.H. Lieut

4 to 8 P.M. Weather generally pleasant. Light breeze from N.E.W. Barometer steady. Fires banked under two forward port boilers. Received on board in Equipment Department 250 feet of rubber hose, and in Depart. Provisions and clothing, 5 boxes of preserved meats, 4 Barrels of Port, 1 Barrel of Molasses, and 1 Barrel of Vinegar. At 4<sup>45</sup> "Monocacy" made signal No 6068. answered and at sunset sent down royal and topgallant yards. Aneroid Barometer 30.33

Harl Wohrn, Lieut

8 P.M. to Midnight. Weather clear and cool. Light airs from N.E. Barometer steady. Aneroid at end of watch 30.32.

C.P.H. Lieut.

Moon. l. mid Examined and found to be correct.

Dec. 18° 27' 58" N

Phase. Full Moon.

W. S. Parker  
Lieut and Navigator

LOG of the UNITED STATES Steamer, "Essex," 3<sup>d</sup> Rate, 6 Guns,  
Anchored off Nagasaki, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	N.N.E.		N.N.W.	1			30.17	63	50	48		Sc	circum	5	S	
2	"		"	1			30.17	63	51	48		"	"	6	"	
3	"		N.W. by N.	N.W.	1		30.17	63	53	46		"	cum and circum	1	"	
4	"		"	"	1		30.18	63	53	47		ocp	cum and nimb	0	"	
5	"		"	"	1		30.18	63	53	47		"	"	0	"	
6	"		W.N.W.	W.N.W.	3		30.18	63	52	47		Sc	cum and cum	4	"	
7	"		"	"	2		30.19	61	52	46		"	"	3	"	
8	"		"	"	2		30.20	61	52	46		"	"	5	"	
9	"		N.W. by N.	N.W. by N.	2		30.22	63	52	46		"	"	3	"	
10	"		N by W.	N by W.	2		30.23	63	53	46		"	"	4	"	
11	"		"	"	2		30.23	64	54	47		"	"	3	"	
Noon.	"		"	"	2		30.23	64	54	47		"	"	3	"	

Distance run by Log since preceding Noon

knots fathoms.

Latitude by D. R. at Noon

° ' "

Longitude by D. R. at Noon

° ' "

Latitude by Observations at Noon ☽

° ' "

Longitude by Chronometer from Forenoon Observations ☽

° ' "

Current during the time      knots      fms. per hour, setting to the

° ' "

Variation of the Compass by Amplitude ☽ observed at Sunrise

° ' "

Variation of the Compass by Azimuth ☽ observed at

° ' "

Water expended during the preceding 24 hours

340 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2860 "

Coal consumed during the preceding 24 hours

tons 1300 lbs.

Coal remaining on hand at Noon

146 " 1660 "

P. M.																	
Anchored	N.N.W.		N.N.W.	.3			30.19	65	55	48		Sc	ii8cum	5	"	S	
2	"	"	"	2			30.18	63	56	48		"	"	5	"		
3	"	"	"	2			30.18	63	55	48		"	"	5	"		
4	"	"	"	2			30.18	64	55	48		"	"	4	"		
5	"	"	"	2			30.18	64	54	47		"	"	5	"		
6	"	"	"	1			30.19	64	54	48		"	cum and nimb	3	"		
7	"	"	"	1			30.19	64	55	49		"	"	2	"		
8	"	"	"	1			30.21	64	55	49		"	cum and circum	2	"		
9	"	N by S	N by S	1			30.25	64	54	47		"	"	2	"		
10	"	"	"	1			30.20	62	54	48		"	"	1	"		
11	"	"	"	1			30.20	61	53	47		"	"	2	"		
Mid.	"	"	"	1			30.20	61	53	47		"	"	3	"		

Longitude by Chronometer from Afternoon Observations ☽

° ' "

Longitude by Chronometer from Observations \*

° ' "

Variation of the Compass by Amplitude      observed at Sunset

° ' "

Variation of the Compass by      at

° ' "

under the command of Commander A. H. McCormick, U. S. Navy,  
Friday November 16<sup>th</sup>, 1853.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy and cool, light rain last hour.  
Light airs from N.N.W. to N.W. Aneroid Barometer 30.32.

W. W. Inn <sup>W.M.S.</sup> Lieut.

4 to 8 A.M. Weather pleasant though somewhat damp in first part  
of watch. Light gentle breeze from N.W. to N.N.W. Barometer steady. Fires  
banked under two forward port boilers. At 7<sup>20</sup> "Monocacy" made signal  
No 5460. answered; crossed topgallant yards and loosed sail to a bowline.  
The W. B. Mail Steamer for Yokohama came in and anchored at 4<sup>40</sup>.  
Aneroid Barometer 30.37. Hoisted guard flag at 8<sup>00</sup>.

J. A. Nohm <sup>N.R.</sup> Lieut.

8 A.M. to Meridian. Weather partly cloudy and pleasant. Light breeze from  
N.E. and W.E. Barometer rising. Excised at general quarters at 9<sup>30</sup> and rigged  
torpedo booms, exploding small torpedos. At 9<sup>00</sup> made signal numeral 2. and at  
10.00 numeral 5. Shortened sail with "Monocacy" at 11<sup>00</sup>. At 11<sup>30</sup> "Monocacy" made  
signal 4826. Answered and furled sail. Aneroid at end of watch 30.35.

G. R. R. Lieut.

Meridian to 4 P.M. Cloudy and cool. Gentle breeze from N.N.W. Barometer  
steady. Mail Steamer for Shanghai left the harbor at 1<sup>30</sup>. Aneroid Bar-  
ometer 30.34.

W. W. Inn <sup>W.M.S.</sup> Lieut.

4 to 8 P.M. Weather cloudy and cool. Light breeze from N.W. Barometer steady.  
Mustered at quarters at 4<sup>45</sup>. Aneroid at end of watch 30.36.

G. R. R. Lieut.

8 P.M. to Midnight. Cloudy and cool. Light airs from N by E. Aneroid Barome-  
ter 30.40.

W. W. Inn <sup>W.M.S.</sup> Lieut.

Moon 1<sup>st</sup> mid Examined and found to be correct.

Dec 19° 11' 47" N.

Phase Full Moon.

W. S. Parker  
Lieut and Navigator

LOG of the UNITED STATES

Steamer, "Essex."

3<sup>d</sup> Rate,

6 Guns,

Anchored off Nagasaki Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	N.N.E.		N.N.E.	3.5			30.24	60	57	46		S	circum and nim	1	S	
2	"		"	2.4			30.27	59	50	44		"	"	3	"	
3	"		"	2			30.29	59	50	44		S	cir and cum	5	"	
4	"		"	1			30.29	59	50	44		"	"	7	"	
5	"		"	1			30.32	59	50	45		"	"	8	"	
6	"		N.E.	N.E.	1		30.32	59	49	44		"	"	7	"	
7	"		"	"	1		30.35	59	48	43		"	cum and circum	14	"	
8	"		"	"	1		30.37	60	48	43		"	"	7	"	
9	"		"	2			30.37	62	48	43		"	"	7	"	
10	"		North	North	3		30.38	65	51	44		"	"	7	"	
11	"		"	"	3		30.40	65	57	44		"	"	6	"	
Noon.	"		"	"	3		30.40	65	52	45		"	"	2	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

330

gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2530

"

Coal consumed during the preceding 24 hours

tons 1400

lbs.

Coal remaining on hand at Noon

146 "

260 "

P. M.																
Anchored	N by E.		N by E.	1			30.37	63	52	46		S	circum	2	"	
2	"	"	"	2			30.37	63	52	46		"	"	4	"	
3	"	"	"	2			30.36	65	53	48		"	"	6	"	
4	"	"	"	3			30.36	65	53	48		"	"	7	"	
5	"	N.N.E.	N.N.E.	2			30.38	65	53	48		"	cum-shad	6	"	
6	"	"	"	1			30.39	65	53	48		"	cir.	9	"	
7	"	"	"	1			30.40	62	52	48		"	"	9	"	
8	"	"	"	1			30.42	63	50	47		S	None	10	"	
9	"	North	North	2			30.44	65	50	47		"	-	10	"	
10	"	"	N.E.	3			30.44	65	50	47		"	-	10	"	
11	"	N.E.	"	3			30.43	65	50	46		"	-	10	"	
Mid.	"	"	"	3			30.43	65	50	46		"	-	10	"	

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. McCormick, U. S. Navy,  
Saturday November 17<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Fresh puffs from N.N.E. first two hours. Light breeze remainder. Moonlight. Aneroid 30.50.

Waimea - Keeyooy w<sup>h</sup> Lieut.

From 4 to 8 A.M. Weather clear and pleasant. Light breeze from N.E. Barometer rising. Aneroid at end of watch 30.50. Received for use of ship's company, 9.3 lbs Fresh Beef, 9.3 lbs of vegetables and 74 loaves of bread.

W.R.B. Lieut.

8 A.M. to Meridian. Cloudy and cool. Moderate breeze from N.E. shifting to North. At 9<sup>00</sup> made signal numeral 0, and at 10<sup>00</sup> numeral 4. Mustered and inspected at quarters at 9<sup>30</sup>. and made out clothing requisitions. At 8<sup>45</sup> made signal (Int) 1017. "Monocacy" answered 904. Aired bedding. Painted Hammock cloths. At 11.30 "Monocacy" made signal 3240. Answered. Piped down aired bedding. H. B. M. S. "Audacious" came out of dry dock at 9<sup>00</sup>. Aneroid Barometer 30.53. Received on board in Paymaster's Department. 38 gallons of vinegar.

W.M. S. m. I. Lieut.

Meridian to 4 P.M. Clear and pleasant. Light breeze from N by E. Enlisted for cruise of vessel as Landsman Ed. H. Mudgett. Aneroid 30.52.

Waimea - Keeyooy w<sup>h</sup> Lieut.

4 to 8 P.M. Clear and cool. Light airs from N.N.E. Barometer steady. Mustered at quarters at 4<sup>45</sup>. Aneroid Barometer 30.55.

W.M. S. m. I. Lieut.

8 P.M. to Midnight. Clear and cool. Light breeze from North and North East, Moonlight. Aneroid 30.60.

Waimea - Keeyooy w<sup>h</sup> Lieut.

Moon. 1 mid Examined and found to be correct.

Dec. 18° 36' 35" N.

Phase. Full Moon

W.S. Parker  
Lieut and Navigator.

LOG of the UNITED STATES Steamer "Essex.", 3<sup>d</sup> Rate, 6 Guns,  
Anchored off Nagasaki Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prcp. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Anchored N. E. by E.	N. E. by E.	2.4				30.46	63	50	45		Sky	civ	9	S	
2	"	"	2.4				30.44	63	48	44		"	"	9	"	
3	"	"	3				30.44	63	48	44		bc	"	9	"	
4	North	Balm	0				30.44	61	48	44		b	-	10	"	
5	"	N by E	1				30.45	61	49	44		"	-	10	"	
6	"	"	2				30.46	61	49	44		bc	cirrus	9	"	
7	"	"	2				30.48	61	49	43		"	civ	9	"	
8	"	N. E.	2				30.49	61	50	44		"	"	9	"	
9	"	"	2				30.48	64	51	44		"	"	8	"	
10	"	E. N. E.	2				30.48	64	53	45		"	"	9	"	
11	"	"	2				30.46	66	54	47		"	"	9	"	
Noon.	"	"	2				30.44	65	56	48		"	"	9	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

" "

Longitude by D. R. at Noon

" "

Latitude by Observations at Noon ☽

" "

Longitude by Chronometer from Forenoon Observations ☽

" "

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

" "

Variation of the Compass by Azimuth ☽ observed at

" "

Water expended during the preceding 24 hours

300 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2230 "

Coal consumed during the preceding 24 hours

tons 1400 lbs.

Coal remaining on hand at Noon

145 " 1980 "

P. M.																	
1	Anchored S. E.	S. S. E.	2				30.42	68	58	49		bc	circum	5	S		
2	"	"	1				30.42	70	59	50		"	civ	9	"		
3	"	"	1				30.42	70	59	50		"	"	7	"		
4	"	"	Balm	0			30.40	70	60	52		"	"	3	"		
5	"	"	East	1			30.38	67	57	50		"	circum	3	"		
6	"	East	N. E.	1			30.38	66	60	52		"	"	1	"		
7	"	N. W. W.	"	1			30.38	66	57	52		oc	"	0	"		
8	"	"	"	1			30.40	69	56	51		"	"	0	"		
9	"	North	North	1			30.41	69	56	51		"	cum and nimbo	0	"		
10	"	"	"	1			30.42	67	57	52		ocp	"	0	"		
11	"	"	"	1			30.42	65	57	53		oc	"	0	"		
Mid.	"	"	"	1			30.41	64	56	52		"	"	0	"		

Longitude by Chronometer from Afternoon Observations ☽

" "

Longitude by Chronometer from Observations \*

" "

Variation of the Compass by Amplitude      observed at Sunset

" "

Variation of the Compass by      at

" "

under the command of

Commander A. H. McCormick, U. S. Navy,  
Sunday November 18<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A. M. Weather clear and pleasant. Light to moderate breeze from N. E by E. Barometer steady. Fires banked. Aneroid Barometer 30.58.

Karl Kohr, <sup>12<sup>th</sup> R</sup> Lieut.

4 to 8 A. M. Clear and cool. Light breeze from N by E. Barometer rising. At 7<sup>oo</sup> "Monocacy" made dress signal "All Blue" Aneroid Barometer 30.63. At 8<sup>oo</sup> hoisted the guard flag.

W. M. Smith <sup>Wm<sup>1</sup></sup> Lieut.

8 A. M. to Meridian. Clear and pleasant. Light breeze from N. E. and E. N. E. At 9<sup>30</sup> Mustered at quarters and Commanding Officer inspected ship and crew. Aneroid 30.52.

W. C. Wimbley - Keeley <sup>12<sup>th</sup> R</sup>

Lieut.

Meridian to 4 P.M. Weather pleasant. Light breeze from S. S. Barometer steady. Cirro cumulus and cirrus clouds. Boarded the Japanese Gun-Boat "Fugi Kahn" which came to anchor at 12<sup>10</sup>. The M. B. Steamer "Genkai Maru" came in from Yokohama and anchored at 3<sup>oo</sup>. Fires banked under two forward port boilers for heating ship. Aneroid Barometer 30.50.

Karl Kohr, <sup>12<sup>th</sup> R</sup> Lieut.

4 to 8 P.M. Clear. Pleasant. Light airs from N. E. Aneroid 30.54.

W. C. Wimbley - Keeley <sup>12<sup>th</sup> R</sup> Lieut.

8 P.M. to Midnight. Weather pleasant but cloudy. Light passing shower in second hour of watch. Light breeze from North. Barometer steady. Fires banked. Aneroid Barometer 30.58.

Karl Kohr, <sup>12<sup>th</sup> R</sup> Lieut

Moon l. mid Examined and found to be correct.

Dec 16° 51' 54" N

Phase. Full Moon.

W. H. Parker  
Lieut and Navigator.

LOG of the UNITED STATES

*Steamer "Essex."*  
Anchored off Nagasaki Japan.

3<sup>d</sup> Rate,

6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the soil the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	North	North	2	30.38	65 57 53	ocd	cum & niml	0	S							
2	"	"	2	30.38	65 57 53	oc	"	0	"							
3	"	"	2	30.37	64 57 52	"	"	0	"							
4	"	N.E.	2	30.36	63 57 52	"	"	0	"							
5	N.N.E.	N.N.E.	2	30.36	61 56 52	"	"	0	"							
6	N by E.	N by E.	1	30.35	61 57 53	"	"	0	"							
7	"	"	1	30.35	64 57 53	"	"	0	"							
8	"	"	1	30.35	64 57 53	"	"	0	"							
9	N.N.E.	N.N.E.	1	30.36	63 60 55	bc	cumstrat	2	"							
10	"	"	1	30.36	65 60 56	ocv	nimb	0	"							
11	"	"	1	30.36	68 60 57	"	"	0	"							
Noon.	"	"	1	30.34	69 60 57	"	"	0	"							

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

330 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1900 "

Coal consumed during the preceding 24 hours

tons 1600 lbs.

Coal remaining on hand at Noon

145 " 380 "

P. M.																	
Anchored	North	North	1	30.31	69 59 57	ocv	cum and nimb	0	S								
2	"	"	1	30.30	69 59 57	"	"	0	"								
3	"	"	2	30.29	70 59 57	"	"	0	"								
4	"	"	2	30.29	70 59 57	oc	"	0	"								
5	"	"	2	30.29	70 59 57	"	"	0	"								
6	"	"	2	30.28	70 61 59	ocd	"	0	"								
7	"	"	1	30.27	70 61 59	bc	"	1	"								
8	"	"	1	30.26	70 61 59	oc	"	0	"								
9	N.N.E.	N.N.E.	1	30.26	67 61 59	ocv	nimb	0	"								
10	"	"	1	30.26	66 61 59	"	"	0	"								
11	"	"	1	30.26	65 61 59	"	"	0	"								
Mid.	"	"	1	30.26	65 61 59	"	"	0	"								

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. McCormick, U. S. Navy,  
Monday. November 19<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Begins and until 4 A.M. Weather overcast. Light drizzling rain first. part of watch. Barometer falling. Wind from N.E. Aneroid at end of watch 30.54.

4 to 8 A.M. Cloudy. Pleasant. Light breeze from N.N.E. At 7<sup>25</sup> "Monocacy" made signal 6071. At 7<sup>30</sup> crossed royal yards. Aneroid 30.50.

E.P. Ross Lieut.

8 A.M. to Meridian. Weather cloudy; in latter part of watch rainy. Light breeze from N.N.E. Barometer steady. At 9<sup>30</sup> mustered and inspected crew at quarters, had the routine divisional drills and afterwards battalion drill. Made signal Interrogatory No 6068. which "Monocacy" answered with No 904. Sent down royal and topgallant yards and rose new foretopgallant braces. Served out clean hammocks. An officer from the Japanese gun boat came on board to acknowledge the Captain's courtesy in boarding her yesterday. Aneroid Barometer 30.45. Fires banked. Received on board 2 lbs Cotton Twine in Navigation Department.

W. C. Wimmer - Keeney <sup>W.R.</sup> Lieut.

Meridian to 4 P.M. Weather overcast and rainy. Light breeze from N.E. Barometer falling. Aneroid at end of watch 30.43.

P. A. Kohler <sup>R.R.</sup> Lieut.

4 to 8 P.M. Weather cloudy and damp. Light breeze from N. Barometer falling. The "Gentai Maru" went to sea. At 4<sup>45</sup> "Monocacy" made signal No 6140. answered; and at sunset sent down topgallant masts. Fires banked. Aneroid Barometer 30.41.

E.P. Ross Lieut.

8 P.M. to Midnight. Weather overcast and rainy. Light airs from N.N.E. Barometer steady. Aneroid at end of watch 30.40.

P. A. Kohler <sup>R.R.</sup> Lieut.

E.P. Ross Lieut.

Moon. 1. mid Examined and found to be correct.

Dec. 14° 12' 47" N.

Phase. Full Moon.

W. J. Parker  
Lieut and Navigator.

LOG of the UNITED STATES

Steamer. "Essex."

3<sup>d</sup> Rate,

6 Guns,

Anchored off Nagasaki, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	North	North	1				30.24	64	61	59		scr	Niml	0	S	
2	"	"	2				30.24	64	61	59		"	"	0	"	
3	"	"	2				30.22	63	61	59		"	"	0	"	
4	"	"	2				30.22	63	60	59		"	"	0	"	
5	"	"	2				30.22	63	60	59		"	"	0	"	
6	"	"	2				30.21	64	61	60		-OC	Cum and Niml	0	"	
7	"	"	1				30.20	64	61	60		"	Circum	0	"	
8	"	"	1				30.20	64	61	60		"	Cum and niml	0	"	
9	"	"	1				30.25	65	61	60		sc	Circum	4	"	
10	"	"	1				30.25	69	62	60		"	"	7	"	
11	"	"	1				30.25	70	63	61		"	"	8	"	
Noon.			1				30.23	70	63	61		"	"	8	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

340

gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1560

"

Coal consumed during the preceding 24 hours

tons 1500

lbs.

Coal remaining on hand at Noon

144 "

1120

"

P. M.																
Anchored	N.W.E.	N.W.E.	2				30.23	69	66	61		sc	circum	6	S	
2	"	"	1				30.21	69	67	61		"	"	7	"	
3	"	North	North	2			30.21	69	67	61		"	"	9	"	
4	"	"	"	2			30.20	69	67	61		"	"	9	"	
5	"	"	"	2			30.20	68	65	60		"	"	8	"	
6	"	"	"	1			30.20	68	64	60		"	Cir	9	"	
7	"	"	"	1			30.20	66	64	60		"	"	9	"	
8	"	"	"	1			30.20	66	63	59		"	"	9	"	
9	"	"	"	1			30.20	66	63	59		"	"	9	"	
10	"	N.E.	N.E.	1			30.20	67	61	58		"	"	9	"	
11	"	"	"	1			30.20	65	61	58		"	"	9	"	
Mid.	"	N.W.E.	North	1			30.20	65	61	58		"	"	9	"	

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. McCormick

, U. S. Navy,

Tuesday November 30<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast, cloudy, and rainy. Gentle breeze from North. Aneroid Barometer 30.38.

W. H. Smith Lieut.

4 to 8 A.M. Weather cloudy but pleasant. Light breeze from N. Barometer falling slowly. Received on board for crew, 93 lbs of Fresh Beef, 93 lbs of vegetables, and 74 loaves bread. At 7<sup>oo</sup> "Monocacy" made signal No 6144. answered and sent up topgallant masts, and crossed topgallant yards. Fires banked under two forward port boilers. Aneroid Barometer 30.40. Hoisted guard flag at 8<sup>oo</sup>.

Harl Mohr, Lieut.

From 8 A.M. to Meridian. Weather clear and pleasant. Light breeze from North. Barometer steady. At 8<sup>55</sup> the "Monocacy" made signal 5455. Answered and loosed sail to a bowline. At 9<sup>oo</sup> made signal numeral 2, and at 10<sup>oo</sup> numeral 1. Mustered at quarters at 9<sup>30</sup> and exercised at great guns. Called away all boats armed and equipped at 10<sup>oo</sup>. and excercised at Naval Tactics. At 11<sup>05</sup> exchanged numbers with the U.S.S. "Enterprise" coming in from Shanghai. At 11<sup>30</sup> the "Enterprise" anchored and loosed sail. Aneroid at end of watch 30.36.

Phas Lieut.

Meridian to 4 P.M. Clear and pleasant. Light breeze from N.W.E. hawling to North. At 1<sup>45</sup> shortened sail. At 3<sup>30</sup> "Monocacy" made signal 21826. answered and furled sail. At 3<sup>40</sup> made signal Interrogatory 3313. "Monocacy" answered 904. Shifted Foresail. Aneroid Barometer 30.33.

W. H. Smith w<sup>m</sup>s Lieut.

From 4 to 8 P.M. Weather clear and pleasant. Light breeze from North. Barometer steady. At 4<sup>45</sup> "Monocacy" made signal 6143. Answered and sent down topgallant yards at sunset. Aneroid at end of watch 30.36.

Phas Lieut.

8 P.M. to Midnight. Clear and pleasant. Bright moonlight and starlight. Gentle breeze from N.E. Aneroid Barometer 30.36.

W. H. Smith w<sup>m</sup>s Lieut

Moon 1 mid Examined and found to be correct.

Dec. 10°54'32"N

Phase Full Moon.

W. H. Parker  
Lieut and Navigator

LOG of the UNITED STATES

Steamer "Essex", 3<sup>d</sup> Rate,

6 Guns,

Anchored off Nagasaki Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Barometer.	TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prcp. of Clear Sky, in 10hrs.	State of the Sea.	Record of the sail the vessel is under at end of watch.	
				Direction.	Force.		Height in inches.	Ther. at'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.				
A. M.															
Anchored	N.N.E.		N.N.E.	3		30.20	64	59	56			Sc	cir	4	S
2	"		"	2		30.20	63	58	56			"	"	4	"
3	"		"	1		30.20	63	58	56			"	circum	8	"
4	"		"	1		30.20	63	58	55			"	"	6	"
5	"		E.N.E.	E.N.E.	1	30.20	61	57	55			"	"	8	"
6	"		"	1		30.20	61	56	54			"	"	7	"
7	"		"	1		30.21	60	53	53			"	"	7	"
8	"		N.N.E.	N.E.	1	30.22	60	56	54			"	"	8	"
9	"		"	1		30.20	64	59	56			"	"	9	"
10	"		"	1		30.19	65	60	56			"	"	9	"
11	"		North	"	1	30.18	66	62	57			"	"	8	"
Noon.	"		"	N by E	1	30.18	68	63	58			"	"	7	"

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

300

gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1260

"

Coal consumed during the preceding 24 hours

tons 1400

lbs.

Coal remaining on hand at Noon                          143 " 1960 "

P. M.															
Anchored	North		North	2		30.15	65	63	58			Sc	circum	7	S
2	"	"	"	2		30.15	67	64	58			"	"	7	"
3	"	"	"	2		30.15	67	64	58			"	"	7	"
4	"	"	"	2		30.15	67	64	58			"	"	7	"
5	"	"	"	2		30.17	64	62	56			"	cam-strat	7	"
6	"	"	"	2		30.17	64	61	55			"	"	7	"
7	"	N.E.	N.E.	1		30.17	64	60	55			"	cir	9	"
8	"	"	"	1		30.18	65	60	55			"	"	9	"
9	"	"	North	1		30.18	67	59	55			"	"	9	"
10	"	"	"	1		30.18	67	59	55			"	"	9	"
11	"	East	Calm	0		30.19	67	59	55			"	"	9	"
Mid.	"	"	"	0		30.19	67	59	55			"	"	9	"

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of Commander A. H. McCormick, U. S. Navy,  
Wednesday November 21<sup>st</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Light breeze from N.W. Moonlight. Aneroid 30.31. Wainwright - Keeney

From 4 to 8 A.M. Weather clear and pleasant. Light breeze from E.N.E. Barometer steady. At 7<sup>25</sup> "Monocacy" made signal 6069. Crossed topgallant and royal yards at 7<sup>30</sup>. Aneroid at end of watch 30.38. Hauled down guard flag at 8<sup>00</sup>. Lieut.

8 A.M. to Meridian. Clear and warm. Light breeze from N.E. At 9<sup>00</sup> made signal numeral 0 and at 10<sup>00</sup> numeral 1. Mustered at quarters at 9<sup>30</sup> after which exercised at spar drill. Ensigns. B. J. Bitter and W. C. P. Muir reported for duty on board. By order of Commanding Officer the following punishments were assigned; C. C. Baltz (Pvt M) 2 hours extra duty for having a dirty mess chest. T. J. Clark (P.D) and John Clunie (W.S.) 7 first watches for loud profanity aloft. Aneroid. Barometer 30.32. W.H. Emmons Lieut.

Meridian to 4 P.M. Clear and pleasant. Light to moderate breeze from North. F. Zepilius (P.M) H. Holst. C Dunn, and W.C. Ballip were identified by Lieut Comdt. Iverson, and Lieut Wyckoff, as being the men who were serving under the same name respectively in the U.S.S. "Ashuelot" at the time of her loss. John Richards (I.C.F) and Daniel J. McCarthy. "Finisher" were received on board from "Monocacy" to await the arrival of Mail Steamer for Yokohama to proceed to U.S.N. Hospital there. Aneroid 30.28. Wainwright - Keeney

4 to 8 P.M. Pleasant weather. Gentle Northerly breeze. At 4<sup>30</sup> "Monocacy" made signal (Press.) wash clothes, and 4<sup>50</sup> signal (general) 6068. at sunset. sent down Topgallant and Royal yards. Received a mail from United States. Aneroid Barometer. 30.33. W.H. Emmons Lieut.

8 P.M. to Midnight. Clear and pleasant. Light airs from North and calms. Aneroid 30.32. Wainwright - Keeney

Moon 1. mid Examined and found to be correct.

Dec. 7° 4' 30" N.

Phase Full Moon

W. S. Parker  
Lieut and Navigator

LOG of the UNITED STATES

Steamer "Essex."

3<sup>d</sup> Rate,

6 Guns,

Anchored off Nagasaki, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. at't'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Anchored	East	East	1			30.16	65° 57' 53"				bc	circum	7	S	
2	"	N.E.	"	1			30.15	65° 57' 53"				"	"	6	"	
3	"	"	"	1			30.15	65° 56' 54"				"	cum and circum	5	"	
4	"	East	"	1			30.15	65° 56' 54"				"	"	2	"	
5	"	"	Palm	0			30.16	64° 56' 54"				"	"	4	"	
6	"	"	Variable	0-1			30.16	64° 58' 55"				"	circum and cumulat	3	"	
7	"	S.E.	"	0-1			30.19	63° 58' 55"				bcw	"	2	"	
8	"	"	"	0-1			30.20	63° 57' 54"				"	"	2	"	
9	"	N.W.	N.E.	1			30.22	64° 58' 55"				"	"	2	"	
10	"	"	"	1			30.21	66° 59' 55"				bc	"	4	"	
11	"	North	North	2			30.20	68° 61' 55"				"	and nimbo	2	"	
Noon.	"	"	"	2			30.19	68° 61' 54"				"	cir and circum	4	"	

Distance run by Log since preceding Noon

knots fathoms.

Latitude by D. R. at Noon

° ' "

Longitude by D. R. at Noon

° ' "

Latitude by Observations at Noon ☽

° ' "

Longitude by Chronometer from Forenoon Observations ☽

° ' "

Current during the time knots fms. per hour, setting to the

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

° ' "

Variation of the Compass by Azimuth ☽ observed at

° ' "

Water expended during the preceding 24 hours

340 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

920 "

Coal consumed during the preceding 24 hours

1 tons 760 lbs.

Coal remaining on hand at Noon

142 " 1200 "

P. M.																
1	Anchored	North	N.E.	2			30.19	70° 62' 55"				bc	circum	5	S	
2	"	"	"	2			30.17	70° 62' 55"				"	"	3	"	
3	"	NN.E.	NN.E.	3			30.16	70° 63' 55"				"	"	7	"	
4	"	"	"	3			30.17	70° 62' 55"				"	"	8	"	
5	"	"	"	3			30.17	70° 63' 55"				"	"	8	"	
6	"	"	"	2			30.20	70° 61' 54"				"	"	9	"	
7	"	"	"	2			30.22	67° 59' 53"				"	"	9	"	
8	"	"	"	2			30.24	65° 59' 53"				"	"	6	"	
9	"	"	"	2			30.24	64° 57' 52"				"	"	6	"	
10	"	"	"	2			30.24	63° 57' 51"				"	cum and circum	3	"	
11	"	"	"	2			30.24	62° 57' 51"				bcw	"	5	"	
Mid.	"	E.N.E.	N.E.	2			30.24	61° 57' 50"				"	"	3	"	

Longitude by Chronometer from Afternoon Observations ☽

° ' "

Longitude by Chronometer from Observations \*

° ' "

Variation of the Compass by Amplitude observed at Sunset

° ' "

Variation of the Compass by at

° ' "

under the command of

Commander U. H. McCormick.

, U. S. Navy,

Thursday November 22<sup>nd</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy and pleasant light airs from the East. P. and O. steamer got under way and left the harbor at 2.25. A small steamer came in and anchored. Aneroid Barometer at end of watch 30.31

R. D. Bitter  
Onsign

4 to 8 A.M. Cloudy and cool, misty latter part. Light variable airs. At 7<sup>00</sup> "Monocacy" made dress signal "all blue" and at 7<sup>30</sup> signal "general" 5461. Crossed topgallant yards, and royal yards, and loosed sail. Aneroid Barometer 30.36.

W. N. Smith Wm. S. Lieut

8 A.M. to Meridian. Cloudy, Misty, first hour of watch, clearing remainder. Light breeze hauling from N.E. to North. At 9<sup>30</sup> mustered at quarters 1<sup>st</sup> and 2<sup>nd</sup> Divisions drilled small arms, 3<sup>rd</sup> at Gatling Gun. Received an official visit from Commanding Officer of "Monocacy." At 11<sup>00</sup>. "Monocacy" got under way and stood out of harbor. At 11<sup>45</sup>. hoisted senior officer's pennant. Aneroid 30.31.

W. M. Smith Wm. S. Lieut.

Meridian to 4 P.M. Cloudy and pleasant, clearing last two hours. Light to gentle breeze from N.E. to N.N.E. At 1<sup>00</sup> furled sail. Received on board in Equipment Department the following articles, viz: 1/2 ream foolscap paper; 1/4 ream note paper, 50, official envelopes; small envelopes; 1 doz. lead pencils. 2 bottles black ink, 1 Instand: 1 pt mucilage; 6 sheets bottling paper. Distilling. Aneroid Barometer at end of watch. 30.30.

R. D. Bitter  
Onsign

4 to 8 P.M. Clear and cool. Light to moderate breeze from N.N.E. At 4<sup>45</sup> mustered at quarters. At 4.30. made signal 6068, called "all hands" and sent down topgallant and royal yards and bent light sail. Aneroid 30.38.

W. M. Smith Wm. S. Lieut.

8 P.M. to Midnight. Cloudy and cool, misty last two hours. Light breeze from N.N.E. and N.E. Barometer steady. Distilling. At end of watch Aneroid. Barometer 30.40.

R. D. Bitter  
Onsign

Moon 1 mid Examined and found to be correct.

Dec 3° 15' 35" N.

Phase Last quarter.

W. S. Parker  
Lieut and Navigator

LOG of the UNITED STATES Steamer "Essex," 3<sup>d</sup> Rate, 6 Guns,  
Anchored off Nagasaki, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clean Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	N.E.		N.E.	2			30.24	63	56	51		bc	circum and cum	4	S	
2	"		"	2			30.23	63	56	51		"	"	2	"	
3	"		"	1			30.22	62	57	52		"	"	1	"	
4	"		"	1			30.21	61	57	52		"	"	4	"	
5	"	North	"	1			30.23	60	54	49		bc m	"	4	"	
6	"	N.N.E.	N.N.E.	1.			30.23	58	53	50		"	"	4	"	
7	"		Balm	0			30.25	58	53	50		"	"	4	"	
8	"	N.E.	"	0.			30.25	58	53	50		"	"	3	"	
9	"		N.N.E.	1			30.28	61	56	50		bc	"	4	"	
10	"	N.N.E.	"	1-2			30.30	65	58	52		"	circum	7	"	
11	"	"	"	1			30.30	65	58	52		"	"	8	"	
Noon.	"	N.E.	East	1-2			30.28	70	61	52		"	"	7	"	

Distance run by Log since preceding Noon

knots fathoms.

Latitude by D. R. at Noon

° ' "

Longitude by D. R. at Noon

° ' "

Latitude by Observations at Noon ☽

° ' "

Longitude by Chronometer from Forenoon Observations ☽

° ' "

Current during the time knots fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

° ' "

Variation of the Compass by Azimuth ☽ observed at

° ' "

Water expended during the preceding 24 hours

300 gallons.

Water distilled during the preceding 24 hours

3400 "

Water remaining on hand fit for use at Noon

3020 "

Coal consumed during the preceding 24 hours

1 tons 1460 lbs.

Coal remaining on hand at Noon

140 " 1980 "

P. M.																	
Anchored	N.N.E.	E.N.E.	1				30.27	74	62	53		bc	circum	4	S		
2	"	"	1				30.24	73	61	53		"	"	7	"		
3	"	E.N.E.	N.E.	1			30.24	72	61	52		"	"	8	"		
4	"	"	2				30.24	71	60	51		"	"	8	"		
5	"	"	N.N.E.	3			30.24	71	60	51		"	"	7	"		
6	"	N.E.	"	2			30.26	70	58	51		"	"	8	"		
7	"	"	1.				30.28	68	56	51		b	—	10	"		
8	"	"	1-2				30.28	65	56	51		bc	circum	9	"		
9	"	"	N.E.	2			30.30	62	55	48		"	cir	9	"		
10	"	"	"	2			30.30	61	55	47		"	"	9	"		
11	"	"	E.N.E.	1			30.30	60	56	49		"	"	9	"		
Mid.	"	E.N.E.	"	1			30.30	59	52	47		"	"	9	"		

Longitude by Chronometer from Afternoon Observations ☽

° ' "

Longitude by Chronometer from Observations \*

° ' "

Variation of the Compass by Amplitude observed at Sunset

° ' "

Variation of the Compass by at

° ' "

under the command of Commander A. H. McCormick

, U. S. Navy,

Friday November 23<sup>rd</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather pleasant. Light breeze from N.E. Barometer falling. Cirrus cumulus and cumulonimbus clouds. At 4.30 stopped distilling and banked fires. Aneroid Barometer 30.40

J. A. Weller <sup>R.R.</sup> Lieut

4 to 8 A.M. Cloudy. Misty. Light airs from N.N.E. and calms. At 7<sup>27</sup> made signal 6144. and at 7<sup>30</sup> crossed topgallant yards and bent gear. Aneroid 30.44.

Warming the Keel <sup>8 W.R.</sup> Lieut

8 A.M. to Meridian. Fair and pleasant. Light airs to light breeze from N.N.E. to East. At 9<sup>05</sup> "Enterprise" signalled number of absentees, and at 10<sup>00</sup> sick report. At 9<sup>30</sup> called all hands and cleared ship for action, afterwards going to general quarters for exercise without powder; and to fire quarters. Turned over the engines and found that patch on chamber circulating pump leaks. Tested life buoys and found them in good condition. Placed Peter Devaney (Lds) and B. Burns (Pvt M) in double irons under sentry's charge for safe keeping by order of Commanding Officer. Aneroid Barometer 30.40. Received in Ordnance Department 64 Schenkl Percussion fuzes with magazines attached, also 14 oz. copper tacks.

R. O. Bitter <sup>R.R.</sup> Insign.

Meridian to 4 P.M. Weather clear and pleasant. Light breeze from E.N.E. to N.E. Barometer falling. Cirrus and cumulus clouds. Tried the engine and found some defect in the repairs in the condenser; afterwards banked fires, and lowered smoke stack. Bent the main topsail and fore topmast staysail. Secured the launches for sea. Aneroid Barometer 30.35.

J. A. Weller <sup>R.R.</sup> Lieut

4 to 8 P.M. Clear and pleasant. Light airs to gentle breeze from N.N.E. Sent Daniel McCarthy (Finisher) and John Richards (U.C.F) on board Japanese mail steamer "Hiroshima Maru" for passage to Yokohama, to be transferred to hospital upon their arrival. By order of Commanding Officer Peter Devaney (Lds) and B. Burns (Pvt M) were released from confinement. Japanese Mail Steamer "Hiroshima Maru" came in and anchored. Aneroid Barometer 30.42. at end of watch.

R. O. Bitter <sup>R.R.</sup> Insign.

8 P.M. to Midnight. Weather clear and pleasant. Light breeze from N.E. to N.N.E. Barometer steady. Cirrus clouds. Fires banked. Aneroid Barometer 30.45. The M. B. steamer for Yokohama sailed at 12<sup>00</sup>.

Karl Weller <sup>R.R.</sup> Lieut

Moon 1 mid Examined and found to be correct.

Dec. 0° 43' - 35" S

Phase. Last quarter.

W. S. Parker  
Lieut and Navigator

LOG of the UNITED STATES

## Steamer "Essex."

3<sup>rd</sup> Rate,

6 Guns,

Anchored off Nagasaki, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10hrs.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. at'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	North	North	1	30.28	58 51 45								S	—	10	S
2	"	"	1	30.28	56 49 44								"	—	10	"
3	N.E.	N.E.	1	30.28	55 48 44								"	—	10	"
4	"	"	1	30.28	54 48 44								"	—	10	"
5	"	"	1	30.28	54 48 44								"	—	10	"
6	"	"	2	30.28	56 48 44								bc	cirrus	6	"
7	"	"	1	30.30	56 48 44								"	"	8	"
8	"	"	1	30.30	56 48 44								"	"	8	"
9	"	"	1	30.30	66 53 44								"	"	7	"
10	E by N	E by N	1	30.30	61 56 47								"	"	7	"
11	N.E. by E	N.E. by E	2-4	30.30	64 59 48								bcg	"	7	"
Noon.	"	"	2-4	30.30	64 59 48								"	"	6	"

Distance run by Log since preceding Noon

knots      fathoms.

Latitude by D. R. at Noon

°      '      "

Longitude by D. R. at Noon

°      '      "

Latitude by Observations at Noon ☽

°      '      "

Longitude by Chronometer from Forenoon Observations ☽

°      '      "

Current during the time      knots      fms. per hour, setting to the

°      '      "

Variation of the Compass by Amplitude ☽ observed at Sunrise

°      '      "

Variation of the Compass by Azimuth ☽ observed at

°      '      "

Water expended during the preceding 24 hours

300 gallons.

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2720 "

Coal consumed during the preceding 24 hours

tons 3000 lbs.

Coal remaining on hand at Noon

139 " 2220 "

P. M.																
Anchored	N.E.	N.E.	2	30.30	65 60 52								bc	cirrus	5	S
2	"	"	2	30.30	67 60 57								"	"	6	"
3	"	"	2	30.30	67 60 57								"	"	7	"
4	"	"	2	30.30	68 60 52								"	"	7	"
5	"	"	2	30.30	66 57 50								"	"	7	"
6	"	"	2	30.32	66 57 50								"	"	8	"
7	"	"	2	30.34	65 56 50								"	"	8	"
8	"	North	2	30.34	64 55 49								"	"	6	"
9	"	N.N.E.	2	30.34	65 55 49								"	"	7	"
10	"	"	2-4	30.34	63 55 48								bcg	"	8	"
11	"	N.N.W.	2-4	30.34	63 54 48								"	"	8	"
Mid.	"	"	2-4	30.34	63 54 48								"	"	9	"

Longitude by Chronometer from Afternoon Observations ☽

°      '      "

Longitude by Chronometer from Observations \*

°      '      "

Variation of the Compass by Amplitude observed at Sunset

°      '      "

Variation of the Compass by      at

°      '      "

under the command of

Commander A. H. McCormick, U. S. Navy,  
Saturday November 24<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather clear and cool. Light breeze from North. Barometer steady. Aneroid at end of watch 30.44.

C.P.R. Lieut

4 to 8 A.M. clear and cool. Light airs from N.E. Received on board in Paymasters Department 93 lbs of fresh beef and vegetables and 74 loaves of bread. English steamer came in and anchored R. O. Bitter Design.

8 A.M. to Meridian. Weather clear and pleasant. Light to moderate breeze from E by N to N.E. Barometer steady. Mustered and inspected crew at quarters, and inspected bags and hammocks. At 8<sup>25</sup> "Enterprise" made signal Interrogatory No 4890: answered, with No. 904. "Enterprise" got underway and left harbor and when she had rounded the point hauled down senior officer's pennant and Guard flag, and broke the pennant on the main. Aneroid barometer 30.44. Received in Medical Department the following stores, Viz: 4 bundles Lint, 250 gm. Acetic Acid fort, 250 gm. T. benzoni co, 250 gm Lavand co, 25 gm. Iodoform, 400 gm Aly Ummoniae, 4 quts Spirits Wine and 1/2 gr. Blotting paper.

W. L. Rohr, Lieut.

From Meridian to 4 P.M. Weather clear and cool. Light breeze from N.E. Barometer steady. Aneroid at end of watch 30.39.

C.P.R. Lieut.

4 to 8 P.M. Weather clear and pleasant. Light breeze from N.E. Barometer rising. Cirrus and cumulus clouds. Fires banked. Aneroid Barometer 30.49.

T. L. Rohr, Lieut.

8 P.M. to Midnight. Weather clear and cool. Light breeze from N.N.E. Barometer steady. Aneroid at end of watch 30.30.

C.P.R. Lieut.

Moon 1/2 mod Examined and found to be correct.

Dec. 4° 37' - 11" S.

Phase. Last quarter.

W. S. Parker  
Lieut and Navigator

LOG of the UNITED STATES *Steamer "Essex"*, 3<sup>d</sup> Rate, 6 Guns,  
Anchored off Nagasaki Japan

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	N by W		N by W.	3			30.34	62	53	48		bc	circum	6	S	
2	"		"	2			30.33	62	53	49		"	"	4	"	
3	"		N by E	2			30.32	62	53	49		"	"	4	"	
4	"		N by E	"	2		30.31	62	53	49		"	"	4	"	
5	"		"	2			30.30	62	53	48		bcw	"	7	"	
6	"		N.N.E.	"	2		30.30	63	53	49		"	"	4	"	
7	"		"	2			30.30	63	53	49		bc	"	4	"	
8	"		"	2			30.29	63	54	49		"	circum	3	"	
9	"		N.N.E.	2			30.31	65	56	51		bc d	and nimbl	1	"	
10	"		"	2			30.32	68	56	52		scr	"	0	"	
11	"		"	2			30.33	67	55	51		"	"	0	"	
Noon.	"		"	2			30.34	66	55	51		"	"	0	"	

Distance run by Log since preceding Noon

knots fathoms.

Latitude by D. R. at Noon

° ' "

Longitude by D. R. at Noon

° ' "

Latitude by Observations at Noon ☽

° ' "

Longitude by Chronometer from Forenoon Observations ☽

° ' "

Current during the time knots fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

° ' "

Variation of the Compass by Azimuth ☽ observed at

° ' "

Water expended during the preceding 24 hours

300 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2420 "

Coal consumed during the preceding 24 hours

tons 1400 lbs.

Coal remaining on hand at Noon

139 " 820 "

P. M.																	
Anchored	N.N.E.		N.N.E.	2			30.28	65	53	51		scr	circum and nimbl	0	S		
2	"		"	2			30.26	66	54	57		"	"	0	"		
3	"		"	2			30.25	66	54	52		"	"	0	"		
4	"		North	North	2		30.25	66	54	52		"	"	0	"		
5	"		N.N.E.	N.N.E.	2		30.27	66	54	52		scr	circum and nimbl	0	"		
6	"		"	"	2		30.27	66	54	52		scr	"	0	"		
7	"		"	"	1		30.27	67	55	53		"	"	0	"		
8	"		"	"	1		30.28	68	55	53		"	"	0	"		
9	"		"	"	2		30.26	70	56	54		"	"	0	"		
10	"		"	"	2		30.25	69	57	53		"	"	0	"		
11	"		N.N.W.	N.N.W.	3		30.24	69	56	52		bc	"	2	"		
Mid.	"		"	"	3		30.23	69	55	52		"	"	2	"		

Longitude by Chronometer from Afternoon Observations ☽

° ' "

Longitude by Chronometer from Observations \*

° ' "

Variation of the Compass by Amplitude observed at Sunset

° ' "

Variation of the Compass by at

° ' "

under the command of

Commander A. H. McCormick, U. S. Navy,  
Sunday November 25<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy and cool. Moderate breeze from N by W. hawling to N by E. Barometer falling slowly. Aneroid 30.46.

W. McCormick, Lieut

4 to 8 A.M. Weather cool. Light breeze from N by E. Barometer steady. Received on board for crew 93 lbs fresh beef, 93 lbs of vegetables, and 74 loaves of bread. Aneroid Barometer 30.44.

Carl Whittle, Lieut.

8 A.M. to Meridian. Weather overcast and rainy. Light air from N by E. Barometer falling first part of watch; afterwards rising. Omitted the usual Sunday quarters and inspection on account of weather. Aneroid at end of watch 30.50

A. H. Parker, Lieut.

From Meridian to 4 P.M. Weather overcast, cloudy, and rainy with light Breeze from N.N.E. Barometer steady. Aneroid Barometer at end of watch 30.42.

W. McCormick, Lieut.

From 4 to 8 P.M. Weather overcast and rainy. Light breeze from N.N.E. Barometer steady. Aneroid at end of watch 30.42.

A. H. Parker, Lieut

8 P.M. to Midnight. Cloudy and cool. Moderate breeze from N.W. hawling to N.N.W. Barometer falling. Aneroid at end of watch 30.40. At 8<sup>oo</sup> Mail Steamer from Yokohama came in

W. McCormick, Lieut

Moon b. mid Examined and found to be correct.

Dec 8° 18' 09" S.

Phase Last quarter.

W. H. Parker  
Lieut and Navigator

LOG of the UNITED STATES

Steamer "Essex."

Rate,

Guns,

Anchored off Nagasaki, Japan.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cleat Sky, in 10fbs.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	N.N.E.		N.N.E.	1			30.23	67	54	50		bc	circum and nimbl	6	S	
2	"		"	1			30.23	67	54	50		"	circum	6	"	
3	"		S.E by S	1			30.20	67	54	50		"	"	7	"	
4	"		N.N.E.	2			30.18	67	54	50		"	"	7	"	
5	"		"	2			30.19	67	54	51		"	"	8	"	
6	"		"	2			30.20	67	56	50		"	cirro cum and nimbl	5	"	
7	"		"	3.5			30.22	67	56	50		bcg	cum stratus	2	"	
8	"		"	3			30.23	67	56	51		bc	"	2	"	
9	"		E.N.E.	2			30.23	67	56	51		bc	cum	0	"	
10	"		"	2			30.23	69	58	53		bc	circum	7	"	
11	"		N.E.	2.4			30.22	70	59	53		bcg	"	7	"	
Noon.	"		"	3.5			30.21	70	60	54		"	"	6	"	

Distance run by Log since preceding Noon

knots fathoms.

Latitude by D. R. at Noon

° ' "

Longitude by D. R. at Noon

° ' "

Latitude by Observations at Noon ☽

° ' "

Longitude by Chronometer from Forenoon Observations ☽

° ' "

Current during the time knots fms. per hour, setting to the

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

° ' "

Variation of the Compass by Azimuth ☽ observed at

° ' "

Water expended during the preceding 24 hours

300 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2120 "

Coal consumed during the preceding 24 hours

1 tons 560 lbs.

Coal remaining on hand at Noon

138 " 360 "

P. M.																
Anchored	N.N.E.		N.N.E.	2.4			30.19	71	62	56		bcg	circum	6	S	
2	"		"	3.5			30.18	72	62	56		"	"	3	"	
3	"		"	3.5			30.18	72	60	55		"	"	2	"	
4	"		N by E	3.5			30.18	72	60	55		"	"	3	"	
5	"		North	3.5			30.18	70	58	53		"	"	2	"	
6	"		"	3.5			30.20	70	58	53		"	"	6	"	
7	"		N.N.E.	3.5			30.20	70	56	52		"	"	6	"	
8	"		"	3.5			30.20	70	56	52		"	"	6	"	
9	"		"	3.5			30.25	70	56	52		bcg	curv and nimbl	0	"	
10	"		"	2.4			30.25	68	55	51		"	"	0	"	
11	"		"	2.4			30.25	68	55	51		"	"	0	"	
Mid.	"		"	2.4			30.25	68	55	51		"	"	0	"	

Longitude by Chronometer from Afternoon Observations ☽

° ' "

Longitude by Chronometer from Observations \*

° ' "

Variation of the Compass by Amplitude observed at Sunset

° ' "

Variation of the Compass by at

° ' "

under the command of

Commander A. H. McCormick

, U. S. Navy,

Monday November 26<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Light breeze from N.N.E. Aneroid 30.35. *Wainright-Keevy* <sup>W.R.B.</sup> Lieut.

From 4 to 8 A.M. Weather cloudy and pleasant. Light breeze from N.N.E. Barometer rising. Aneroid at end of watch 30.38. *A. H. McCormick* Lieut.

From 8. A.M. to Meridian. Clear pleasant weather. Moderate breeze from E.N.E. hauling to N.N.E., freshening. At 9<sup>25</sup> loosed sail to dry. At 9<sup>30</sup> went to quarters. Exercised 1<sup>st</sup> and 3<sup>rd</sup> Divisions at single sticks. 2<sup>nd</sup> and Powder and Navigators Divisions at small arms, Marines at small arms, after which exercised at battalion drill. At 11<sup>30</sup> furled sail, doubled topsail sheets, and shackled fore tacks - and sheets. Aneroid Barometer 30.34. *W.H. McCormick* Lieut.

Meridian to 4 P.M. Cloudy, cool. Light breeze commencement of watch gradually freshening to Fresh breeze at end. Received in Equipment Department  $\frac{1}{2}$  cord of wood. Aneroid 30.32. *W.H. McCormick* Lieut.

4 to 8 P.M. Cloudy and cool. Moderate breeze from N.N.E. with frequent squalls. Mustered at quarters at 4<sup>45</sup>. Hoisted smoke stack, put covers on yards and masts. Aneroid Barometer at end of watch 30.38. *W.H. McCormick* Lieut.

8 P.M. to Midnight. Clear and cool. Light to moderate breeze from N.N.E. Aneroid 30.40. *Wainright-Keevy* <sup>W.R.B.</sup> Lieut.

Moon 1 mid Examined and found to be correct.

Dec. 11° 38'. 54" S

Phase. Last quarter

W. H. Parker  
Lieut and Navigator

LOG of the UNITED STATES

Steamer "Essex", 3<sup>rd</sup> Rate, 6 Guns,  
Anchored off Nagasaki, Japan

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10hrs.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. at'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Anchored	NN.E		NN.E	2.4			30.26	70	56	51		bog	circum cum and nimbo	2	S	
2	"		"	2.4			30.25	68	56	51		"	"	1	"	
3	"		"	3.5			30.25	68	56	51		ocg	"	0	"	
4	"		"	2.4			30.24	68	56	51		"	"	0	"	
5	"		North	3.5			30.24	67	53	47		"	"	0	"	
6	"		"	2.4			30.23	66	53	47		"	"	0	"	
7	"		N by E	3			30.25	66	53	47		oc	"	0	"	
8	"		"	3			30.28	66	52	46		"	"	0	"	
9	"		"	3			30.28	66	53	46		"	cum strat and nimbo	0	"	
32°44'	Steaming out of Nagasaki harbor		"	3			30.28	66	53	46		"	"	0	"	Steaming out of Nagasaki harbor
10			"	3			30.29	62	53	46		"	"	0	"	Set all square sail to topgallant sail except mizzen topgallant and all fore aft sails
11	30		S.W 1/2 W	"	3		30.29	64	52	46	69	"	"	0	"	
Noon.	75		"	"	3		30.29	70	52	46	69	"	"	0	"	

Distance run by Log since preceding Noon

~~Cross Bearings~~

Latitude by D.R. at Noon

10 knots 5 fathoms.

32° 34' 00" N

Longitude by D.R. at Noon

129° 35' 00" E

Latitude by Observations at Noon ☽

• — "

Longitude by Chronometer from Forenoon Observations ☽

• — "

Current during the time      knots      fms. per hour, setting to the

— — —

Variation of the Compass by Amplitude ☽ observed at Sunrise

• — — "

1032 Variation of the Compass by Azimuth ☽ observed at

• — — "

Water expended during the preceding 24 hours

300 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1820 "

Coal consumed during the preceding 24 hours

4 tons 540 lbs.

Coal remaining on hand at Noon

133 " 2060 "

P. M.																	
1	80		S.W 1/2 W	N.W by N	4		30.26	70	52	46	68	oc	cum and strat	0	S		
2	50		"	"	4		30.26	69	52	46	68	bc	"	3	"	set royals	
3	85		"	N.W	4		30.26	69	52	46	68	"	cum strat and cirrus	4	"		
4	85		"	"	4		30.26	69	52	46	68	"	"	5	"		
5	84		"	N.W by N	4		30.24	68	53	48	68	"	"	3	"		
6	86		"	"	4		30.24	69	53	49	69	"	cum and cum	4	"		
7	86		"	"	4		30.24	69	53	48	69	"	"	4	"		
31°49'	82		"	"	4		30.24	68	53	48	69	"	"	4	"	Took in royals & flying jib	
128°36'	90		"	"	5		30.26	67	53	48	69	"	and hmb	4	"		
10	80		"	"	4		30.27	65	53	48	69	"	"	4	"		
11	76		"	"	4		30.27	65	53	48	69	"	"	4	"	Takin sparses	
Mid.	76		"	"	4		30.27	65	53	48	68	"	"	5	"		

Longitude by Chronometer from Afternoon Observations ☽

• — "

Longitude by Chronometer from Observations \*

• — "

Variation of the Compass by Amplitude      observed at Sunset

• — "

Variation of the Compass by      at

• — "

under the command of

Commander J H McCormick

, U. S. Navy,

Tuesday November 37<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy, cool and very damp. Overcast last two hours. Light to moderate winds accompanied by squalls from N.N.E. An. Bar. 30.40  
R.O.Bitter Ensign

From 4 to 8 A.M. Overcast and cloudy. Moderate breeze from N. with frequent squalls the first two hours. At 5<sup>45</sup> started fires in 6 boilers. Made usual preparations for going to sea. Received for use of ships company 93 lbs of fresh beef and vegetables and 7 $\frac{1}{4}$  loaves bread. An erod at end of watch 30.44.

W.H. Finn Lieut

8. A.M. to Meridian. Cloudy, cool. Moderate breeze from North. Smooth sea. At 9<sup>00</sup> called "all hands" up anchor. Hoisted starboard anchor and steamed out of Nagasaki harbor. At 10<sup>24</sup> took departure two Sima harbor light bearing (bc) S.E. distant  $\frac{1}{2}$  mile. Put over the Patent Log reading 92.4. Set course S.W. $\frac{1}{2}$  W. Ships draft forward 13 ft. 6 in. Aft 13 ft. 11 in. At 10<sup>30</sup> made all sail to topgallant sails except mainsail. Steaming under six boilers, rev 38. steam 50. Received in Equipment Department  $\frac{1}{2}$  cord of wood. Aneroid 30.42. Pat. Log 104  $\frac{1}{2}$  miles

Wainwright - George Lieut

Meridian to 4 P.M. Weather pleasant. Moderate breeze from N.W. to N.W. by N. Barometer steady. Under steam and sail. pressure of steam 45 lbs, and number of revolutions 47. Set royals, and at 2<sup>00</sup> braced up a couple points the wind hauling ahead. At 4<sup>00</sup> patent log read 135.5 knots. Aneroid Barometer 30.40

Harc. Hobart R. Lieut

4 to 8 P.M. Weather cloudy and cool. Gentle breeze from N.W. by N. Smooth sea. Barometer steady. Mustered at quarters at 4<sup>45</sup>. Sighted Ases Ears Islands at 5<sup>00</sup> bearing west. Aneroid at end of watch 30.44. Steering a course S.W. $\frac{1}{2}$  W. Revolutions 49. pressure 52.

C. Atte R. Lieut

6 to 8 P.M. Cloudy and cool. Moderate breeze from N.W. by N. Barometer steady. Steam pressure 52. revolutions 48. Aneroid Barometer 30.45.

W.H. Finn Lieut

8 P.M. to midnight. Clear and cool. Moderate breeze from N.W. by N. Moderate broken sea. At 8<sup>30</sup> took in royals and at 11<sup>30</sup> spanker. Hauled fires under two boilers at 8<sup>00</sup> and steamed under four remainder of watch. Revolutions 41. Steam 54. lbs. Aneroid 30.45. Patent Log at end of watch 102  $\frac{1}{2}$  miles

Wainwright - George Lieut

Moon. l. mid Examined and found to be correct.

Dec. 14° 31' 51" S.

Phase. Last quarter

W.H. Parker  
Lieut and Navigator

LOG of the UNITED STATES

Steamer "Ossex."

3<sup>d</sup> Rate,

6 Guns,

Making passage from Nagasaki Japan To Amoy. China.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	7	6	S.W $\frac{1}{2}$ W	N.W	4		30.27	64	54	49	68	Sc	cum and cir cum	1	M	Steaming with all square sails to topgallant sails except main sail, with fore topmast staysail and main staysail
2	8	4	"	"	4		30.27	64	54	48	68	"	"	5	"	
3	7	6	"	"	4		30.29	66	54	48	68	"	"	5	"	
4	7	0	"	"	4		30.29	66	55	48	68	"	"	6	"	
5	7	2	"	"	4		30.30	66	55	48	68	"	"	3	"	
6	7	2		North	2		30.31	68	55	48	68	"	"	4	"	
7	7	2	"	"	2		30.32	69	57	51	68	"	"	5	"	Foretopsail took in N. Trysail and fore topmast staysail
8	7	2	"	"	2		30.32	69	57	51	68	"	"	5	"	
9	7	0	"	"	2		30.30	63	59	52	73	"	"	4	"	
10	7	2	"	W by N.	2		30.33	65	60	53	73	"	circum	6	"	
11	7	0	"	W.N.W	2		30.33	65	60	53	73	"	"	6	"	
Noon.	7	2	"	"	2		30.31	65	62	55	73	"	"	4	"	

Distance run by Log since preceding Noon

knots 183 fathoms.

Latitude by D. R. at Noon

30° 25' 30" N

Longitude by D. R. at Noon

127° 10' 00" E

Latitude by Observations at Noon ☽

30° 23' 41" N

Longitude by Chronometer from Forenoon Observations ☽

127° 06' 30" E

Current during the time 25 knots fms. per hour, setting to the

S 72° E

Variation of the Compass by Amplitude ☽ observed at Sunrise

9° " "

Variation of the Compass by Azimuth ☽ observed at 8 A.M.

2° 24' E

1032 Water expended during the preceding 24 hours 280 gallons.

Water during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1540 "

Coal consumed during the preceding 24 hours

12 tons 2020 lbs.

Coal remaining on hand at Noon

131 " 40 "

P. M.																	
1	7	0	S.W $\frac{1}{2}$ W	N.W by N	2		30.29	70	62	55	72	Sc	cir cum cumulat and nimb	4	S		
2	7	2	"	"	2		30.29	71	61	55	72	"	"	2	"		
3	7	4	"	"	2		30.29	71	61	55	72	"	"	2	"		
4	7	4	"	W.S. W	2		30.28	72	61	55	72	"	"	1	"	Look in all sail.	
5	6	5	"	West	1		30.28	72	62	55	71	"	cum and cir cum	3	"		
6	6	5	"	W.S. W	1		30.27	73	63	55	71	"	"	2	"		
7	6	5	"	South	1		30.27	73	63	56	71	oc	nimb	0	"		
8	7	0	"	"	1		30.27	70	63	56	71	"	"	0	"		
9	7	2	"	S.E	1		30.27	67	62	56	71	ocp	"	0	"		
10	7	4	"	N.W	2		30.27	65	62	57	71	"	"	0	"		
11	7	4	"	"	1		30.26	64	62	58	71	ocv	"	0	"		
Mid.	7	0	"	"	1		30.26	64	62	58	71	"	"	0	"		

Longitude by Chronometer from Afternoon Observations ☽

" "

Longitude by Chronometer from Observations \*

" "

Variation of the Compass by Amplitude observed at Sunset

" "

Variation of the Compass by at

" "

under the command of

Commander A. H. McCormick

, U. S. Navy,

Wednesday November 28<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather pleasant. Moderate breeze from N.W. Barometer rising. Under steam and sail. Pressure of steam 50 lbs. revolutions 40 per minute. Moderate sea, ship riding it easily. Patent Log registering 133.2. Knots at 4°. Aneroid Barometer 30.44.

Thos. John, Lieut

From 4 to 8 A.M. Weather cloudy and cool. Light breeze from N.E. and W.S. Barometer rising. Took in Maintrysail and foretopmast staysail and set royals at 7.15. Steering a course S. W  $\frac{1}{2}$  N. Pressure 50. Revolutions 41. Aneroid at end of watch 30.49.

C. P. Rees, Lieut

8 A.M. to Meridian. Pleasant weather. Light breeze varying between North and N.W. Moderate sea. Mustered at quarters at 9<sup>15</sup>. Called away all boats armed and equipped for distant service, and inspected their equipments. A board of survey consisting of Surgeon W. L. Roth, Lieut. C. P. Rees, and Lieut Berryman. U. S. M. C. surveyed 3600 lbs of hard bread. Aneroid Barometer 30.46. Steam pressure 51 lbs. Revolutions 41.5. Patent log records at 12<sup>00</sup> 87.5 Knots

W. M. Dunn, Lieut

Meridian to 4 P.M. Cloudy and cool. Light breeze from N.W by N. until 3.30. then variable, and hauling to Southward. At 3<sup>30</sup> took in and furled all sail. Steaming under four boilers. Amount. Rev. 41. Steam 51 lbs. Aneroid steady. 30.42. Patent log read 116 $\frac{1}{2}$ .

W. M. Dunn, Lieut

4 to 6 P.M. Weather pleasant. Light air from W. to W.S. W. Under steam, pressure 47 $\frac{1}{2}$  lbs. and 37. revolutions. Barometer steady. Clouds cumulus and cirrocumulus. Aneroid Barometer 30.40. Patent log at end of watch 129.25.

Thos. John, R.R. Lieut.

6 to 8 P.M. Weather overcast and pleasant. Light airs from S.E. Barometer steady. Steering a course S. W  $\frac{1}{2}$  W. Pressure 49. Revolutions. 40. Aneroid at end of watch 30.42. Patent Log. 42.1.

C. P. Rees, Lieut.

8 P.M. to Midnight. Overcast and cloudy with drizzling rain. Light airs from S. E. hauling to N.W. Barometer steady. Aneroid Barometer 30.40. Steam 51 lbs. Revolutions. 40

W. M. Dunn, Lieut

Moon 1<sup>st</sup> and Examined and found to be correct.

Dec 16° 51' 05" S.

Phase. Last quarter.

J. H. Parker  
Lieut and Navigator

LOG of the UNITED STATES

Steamer "Essex."

3<sup>d</sup> Rate, 6 Guns,

Making passage from Nagasaki, Japan, to Amoy, China.

Aug 11 1852

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10hrs.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	6	4	S W 1/2 W	N.E. by E	1		30.24	63	61	59	71	1000	Niml	0	S	Steaming
2	6	6	-	"	1		30.24	62	61	59	71	"	"	0	"	
3	7	0	"	"	2		30.24	61	61	59	71	1000	"	0	"	set Foresail
4	6	8	"	"	2		30.22	61	61	59	71	"	circum	0	"	
5	6	5	"	North	2		30.20	61	61	59	71	1000	cum niml	1	"	
6	6	5	"	"	2		30.22	62	61	59	70	"	"	2	"	
7	6	5	"	"	3		30.24	62	61	59	70	"	"	2	"	Set jib & main trysail set fore & main topsails and topgallant's sails set royals & foretopmast stay sail and flying jib
8	7	5	"	"	3		30.26	62	61	59	70	1000	cum niml	0	"	
9	8	4	"	N by E	2		30.27	64	62	60	70	1000	"	2	"	
10	6	0	"	N.N.E	4		30.27	64	63	61	70	"	circum	2	"	
11	6	0	"	N.E	4		30.28	65	63	62	71	1000	cum niml	0	"	Trot in main trysail
Noon.	6	0	"	"	4		30.26	65	63	62	71	bc	"	2	"	
28° 31'																

125° 00'

Distance run by Log since preceding Noon

164 knots 7 fathoms.

Latitude by D. R. at Noon

28° 30' 47" N

Longitude by D. R. at Noon

124° 52' 30" E

Latitude by Observations at Noon ☽

28° 36' 22" N

Longitude by Chronometer from Forenoon Observations ☽

124° 59' 00" E

Current during the time 0.33 knots 4ms. per hour, setting to the

N 46° E

Variation of the Compass by Amplitude ☽ observed at Sunrise

--- "

1051

Variation of the Compass by Azimuth ☽ observed at

--- "

Water expended during the preceding 24 hours

280 gallons.

Water

during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1260 "

Coal consumed during the preceding 24 hours

11 tons 760 lbs.

Coal remaining on hand at Noon

109 " 1520 "

P. M.																
1	5	6	S W 1/2 W	N.E. by E	3		30.23	65	65	62	71	bc	cum and circum	3	S	
2	5	2	S.W 3/4 W	N.E	3		30.20	65	65	62	71	1000	"	0	"	
3	6	2	"	"	4		30.20	65	65	63	71	1000	"	0	M	
4	6	4	"	N.N.E	4		30.18	65	64	63	71	"	"	0	"	
5	7	0	"	"	4		30.20	65	63	62	71	"	cum and niml	0	"	
6	7	2	"	"	5		30.22	66	63	61	71	1000	"	0	"	Trot in fore Royal
7	7	5	"	"	5		30.23	61	64	62	71	"	"	0	"	
8	7	5	"	N.E	5		30.23	62	64	62	71	bc	circum and cum	2	"	
9	7	0	"	"	5		30.22	65	65	62	71	1000	"	0	"	
10	6	0	"	"	5		30.22	67	65	62	71	"	"	0	"	
11	6	6	"	"	4		30.22	67	65	62	71	"	"	0	"	
Mid.	6	4	"	"	4		30.22	67	65	62	71	"	"	0	"	
28° 02'																
124° 16'																

Longitude by Chronometer from Afternoon Observations ☽

• • "

Longitude by Chronometer from Observations \*

• • "

Variation of the Compass by Amplitude observed at Sunset

• • "

Variation of the Compass by at

• • "

under the command of Commander A. H. Mc Cormick, U. S. Navy,  
Thursday November 29<sup>th</sup>, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast. Raining first three hours of watch. Clear weather the remainder. Smooth sea. At 3<sup>rd</sup> set foresail. Steaming under four boilers. Revolutions 42. Steam 51. Patent Log at end of watch  
Aneroid 30.38.

W. H. Parker Lieut.

4 to 8 A.M. Weather damp and gloomy, manifesting a disposition to clear up last hour of watch. Barometer rising. Cumulus, nimbus and cirro cumulus clouds. Smooth sea. Under steam and sail. Steam pressure 53.2 lbs, and 41.4 revolutions. Patent log indicating 125.4 knots at end of watch. Aneroid Barometer. 30.41

W. H. Parker Lieut.

8 A.M. to Meridian. Weather overcast with occasional light drizzling rain. Barometer steady. At 9<sup>th</sup> set royals, flying-jib, and foretopmast staysail. At 9<sup>50</sup> stopped steaming. Banked fires, and uncoupled propeller. At 10.25 took in main staysail. Aneroid at end of watch 30.40. Patent log reading 51.7.

A. H. Parker Lieut.

From Meridian to 4 P.M. Weather overcast, cloudy and raining. Moderate breeze from N.N.E to E.N.E. Barometer falling slowly. Aneroid at end of watch 30.37. At 1<sup>00</sup> changed course to S.W 3/4 W. Patent log reading 57.4.

W. H. Parker Lieut.

4 to 6 P.M. Overcast. Drizzling rain first hour of watch. Moderate sea. Ship rolling from 10° to 15°. Banked fires under four boilers. Aneroid 30.38. Patent log at end of watch 90 miles. At 6<sup>00</sup> took in and furled fore royal.

W. H. Parker Lieut.

6 to 8 P.M. Weather pleasant. Fresh breeze from N.E. to N.N.E. Barometer steady. Fires banked. Aneroid Barometer 30.40.

W. H. Parker Lieut.

8 P.M. to Midnight. Weather overcast and pleasant. Moderate breeze from N.E. Smooth sea. Barometer steady. Steering a course S.W 3/4 W. Aneroid at end of watch 30.40. Patent log 39.3

A. H. Parker Lieut.

Moon 1 mid Examined and found to be correct.  
Dec. 16° 51' 05" S  
Phase. Last quarter.

W. H. Parker  
Lieut and Navigator

LOG of the UNITED STATES

Steamer "Essex."

3<sup>d</sup> Rate,

6 Guns,

Making passage from Nagasaki, Japan, to Amoy, China.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prest. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. at'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	6	3	S.W. <sup>3/4</sup> W	N.E.	4		30.22	67	65	65	71	sc.	cum and circum	0	M	
2	5	4	"	"	4		30.22	67	65	63	71	sc.	"	0	"	
3	5	6	"	"	4		30.22	67	65	63	71	sc.	"	0	"	
4	5	8	"	"	4		30.22	67	65	63	71	"	"	0	"	
5	6	0	"	"	4		30.22	67	65	64	72	scd	cum and niml	0	"	
6	6	4	"	"	4		30.22	67	65	64	72	"	circum	0	"	
7	5	6	"	"	4		30.22	67	65	64	74	bc	cum and niml	1	"	
8	5	6	"	"	4		30.22	67	65	64	74	"	"	1	"	
9	6	5	"	"	5		30.24	67	66	64	73	scd	cum and niml	0	S	
10	6	0	"	"	4		30.22	67	66	64	73	scd	cum and niml	2	"	
11	5	0	"	"	4		30.22	67	67	65	73	bc	cum and strab	3	"	
Noon.	3	0	"	"	3		30.20	68	68	65	73	sc.	"	0	"	

Distance run by Log since preceding Noon

146.4 knots — fathoms.

Latitude by D. R. at Noon

27° 03' 16" N

Longitude by D. R. at Noon

122° 58' 00" E

Latitude by Observations at Noon ☽

27° 05' 28" N

Longitude by Chronometer from Forenoon Observations ☽

122° 58' 00" E

Current during the time      knots      fms. per hour, setting to the

?

Variation of the Compass by Amplitude ☽ observed at Sunrise

• — "

1057 Variation of the Compass by Azimuth ☽ observed at

• — "

Water expended during the preceding 24 hours

300 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

960 "

Coal consumed during the preceding 24 hours

1 tons 2160 lbs.

Coal remaining on hand at Noon

107 " 1600 "

P. M.																	
1	5	5	S.W. <sup>3/4</sup> W	N.E.	2		30.20	69	69	66	71	bc	circum and circum	2	S	Steaming	
2	7	0	"	"	2		30.22	69	69	66	71	"	"	1	"		
3	7	6	"	E.N.E.	2		30.24	69	69	66	71	"	"	2	"		
4	7	6	"	"	2		30.20	70	69	67	71	"	"	1	"		
5	7	8	"	N.E.	2		30.15	69	69	65	71	sc.	cum and circum	0	"		
6	7	0	"	"	2		30.15	70	70	67	71	scm	"	0	"		
7	6	8	"	"	2		30.15	73	69	67	71	scd	"	0	"		
8	6	8	"	"	2		30.18	73	68	67	71	scv	"	0	"		
9	7	5	S.W. by W	N.W. by N	3		30.18	71	68	67	72	scd	cum and niml	0	"		
10	7	0	"	"	5		30.18	71	67	66	72	"	cum and niml	0	"	took in main royal and topgallant sails	
11	7	0	"	N.N.W.	4		30.18	70	66	66	72	bc	cum and circum	3	"		
Mid.	7	0	"	"	4		30.18	69	66	65	72	scd	niml	0	"		

Longitude by Chronometer from Afternoon Observations ☽

• — "

Longitude by Chronometer from Observations \*

• — "

Variation of the Compass by Amplitude      observed at Sunset

• — "

Variation of the Compass by      at

• — "

under the command of

Commander A. H. McCormick

, U. S. Navy,

Friday November 30<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast and cloudy, with light drizzling rain first part of watch. Moderate breeze from N.E. Fires banked. Aneroid Barometer 30.38.

W.M. Finn Lieut

From 4 to 8 A.M. Cloudy. Occasional light drizzle of rain. Moderate breeze from N.E. Moderate sea. Banked fires under four boilers. Aneroid 30.38. Patent log at end of watch 73.<sup>3</sup>/<sub>4</sub> miles

Warming up course

wk Lieut

8 A.M. to Meridian. Weather rainy. in first part of watch. clearing up latter part. Gentle to moderate breeze from N.E. Smooth sea. Fires banked. At 12<sup>th</sup> Patent log indicated 93 - Knots. Aneroid Barometer 30.35.

Hal Mohr Lieut

Meridian to 4 P.M. Weather cloudy and pleasant. Gentle breeze from N<sup>d</sup> and E<sup>d</sup>. Barometer rising. At 2.30 spread fires coupled propeller and started ahead under steam and sail. Aneroid at end of watch 30.28. Steam pressure 48. Revolutions 40. Patent log 19.6

After Lieut

4 to 6 P.M. Overcast and cloudy slightly misty last hour. Gentle breeze from N.E. Mustered at quarters at 4<sup>45</sup>. Steam 49 lbs. Revolutions 41. Aneroid Barometer 30.28.

W.M. Finn Lieut

6 to 8 P.M. Overcast. Drizzling rain. Light airs from N.E. Smooth sea. Steaming under four boilers. Patent log at end of watch 47.7". Aneroid 30.30. At 8<sup>th</sup> changed course to S.W by W.

Warming up course

wk Lieut

8 P.M. to midnight. Weather damp. Breeze gentle to fresh from N.W by N. to N.N.W. Barometer steady. Under steam and sail. pressure of steam 50 lbs. and 35 revolutions per minute. At end of watch patent log read 16.1 Knots. At 10<sup>th</sup> took in topgallant sails and main royal. Aneroid Barometer 30.32.

Hal Mohr Lieut

Moon 1 mid Examined and found to be correct.

Dec. 18° 24' 15" S

Phase. New Moon

W.H. Parker  
Lieut and Navigator

LOG of the UNITED STATES

Steamer "Essex.", 3<sup>d</sup> Rate, 6 Guns,

Making passage from Nagasaki Japan To Amoy. China.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop of Cleat Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	7	4	S.W by W	N.N.E	4		30.16	70	68	66	72	scd	cum nimbo	0	S	Steaming with fore & main topsail, foresail and jib
2	6	5	"	"	4		30.14	70	68	66	72	"	"	0	"	
3	7	0	"	"	4		30.14	69	67	65	72	scd	"	0	"	
4	7	0	"	"	5		30.13	69	67	65	72	"	"	0	"	
5	7	0	"	"	5		30.15	68	65	64	72	scd	"	0	"	
6	6	9	"	N.E by N.	5		30.15	67	64	63	72	"	"	0	M	Look in foresail set foresail stopped steaming
7	6	8	"	"	5		30.19	67	64	63	72	"	"	0	"	
8	6	6	"	"	5		30.20	67	64	63	72	"	"	0	"	
9	6	8	"	N.N.E	5		30.20	67	65	63	72	sc	"	0	S	Look in jib
10	7	0	"	"	5		30.20	68	65	63	72	"	"	0	"	Set topgallant sails
11	7	0	"	"	5		30.20	68	65	63	72	scd	"	0	"	
Noon.	7	0	"	"	5		30.20	68	65	63	72	"	"	0	"	

Distance run by Log since preceding Noon

161 knots 6 fathoms.

Latitude by D. R. at Noon

25° 22' 46" N

Longitude by D. R. at Noon

120° 29' 15" E

Latitude by Observations at Noon ☽

"

Longitude by Chronometer from Forenoon Observations ☽

"

Current during the time      knots      fms. per hour, setting to the

1051

Variation of the Compass by Amplitude ☽ observed at Sunrise

"

Variation of the Compass by Azimuth ☽ observed at

"

Water expended during the preceding 24 hours

340 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

620 "

Coal consumed during the preceding 24 hours

7 tons 1120 lbs.

Coal remaining on hand at Noon

100 " 480 "

P. M.																	
1	6	5	S.W by W	North	4		30.20	67	65	63	71	scd	cum and nimbo	0	M		
2	6	0	"	N.N.E	4		30.18	67	65	63	71	"	"	0	"		
3	6	5	"	"	5		30.17	67	65	63	71	"	"	0	"	Set main royal	
4	7	0	"	"	5		30.17	67	65	63	71	"	"	0	"		
5	6	8	S.W by W 1/2 W	"	4		30.18	67	64	63	71	scd	cum and nimbo	1	S	Set jib	
6	6	8	"	"	4		30.18	67	64	63	71	sc	"	2	"		
7	7	0	"	"	4		30.18	67	64	63	71	scd	"	0	"		
8	7	0	"	"	4		30.18	70	64	63	71	"	"	0	"		
9	3	5	S.W by W 1/4 W	"	5		30.20	69	64	63	71	sc	cum and nimbo	0	S		
10	7	0	"	"	5		30.20	68	64	62	71	"	"	0	"		
11	7	0	"	"	5		30.20	68	63	62	71	"	"	0	"		
Mid.	7	2	"	"	5		30.20	67	63	62	71	"	"	0	"		

Longitude by Chronometer from Afternoon Observations ☽

"

Longitude by Chronometer from Observations \*

"

Variation of the Compass by Amplitude      observed at Sunset

"

Variation of the Compass by      at

"

under the command of

Commander A H McCormick

, U. S. Navy,

Saturday December 1<sup>st</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather overcast and rainy. Moderate breeze from N.N.E. Barometer falling. Aneroid at end of watch 30.30. Patent log 103.5. Steam pressure 50. Revolutions 35.

From 4 to 8 A.M. Weather overcast, cloudy, and light drizzling rain with stiff breeze from N.E. by N. At 5<sup>25</sup> took in fore-sail. At 6<sup>25</sup> uncoupled propeller. Banked fires and set fore-sail. Aneroid Barometer at end of watch 30.38.

A. J. Donisthorpe Lieut

8 A.M. to Meridian. Moderate breeze from N.N.E. Cloudy, occasional very light showers of drizzling rain. Moderate sea. Ship rolling from 10° to 15° to leeward. Banked fires under four boilers. At 10<sup>oo</sup> set top gallant sails, and hauled down jib. Aneroid 30.37. Patent log at end of watch 60 miles.

W. M. Wainwright-Keweenaw W. R. Lieut

Meridian to 4 P.M. Weather overcast. Light drizzling rain. Breeze moderate to fresh from N. to N.N.E. Barometer falling. Fires banked. Moderate sea. Aneroid Barometer 30.32. At 4<sup>oo</sup> By order of Commanding Officer change course to S. W by W 1/2 W.

T. G. Hobble Lieut

From 4 to 6 P.M. Weather overcast and drizzling. Fresh breeze from N.N.E. Barometer steady. Mustered at quarters at 4<sup>45</sup>. Aneroid at end of watch 30.32. Patent log 100. Set jib at 4<sup>10</sup>. Commenced distilling at 5.50

C. H. L. Lieut.

From 6 to 8 P.M. Overcast and cloudy. Moderate breeze from N.N.E. Fires banked. Barometer steady. At 7<sup>35</sup> sighted Ophsun light bearing N.W.W. Aneroid at end of watch 30.34. Distilling.

W. W. Smith, Jr. Lieut.

8 P.M. to Midnight. Overcast, cool, moderate to fresh breeze from N.N.E. Smooth sea. At 8<sup>oo</sup> changed course to S.W by W 1/4 W. and at 8.30. changed course to S. W by W 1/2 W. At 9<sup>oo</sup> Ophsun light bore N.W 1/4 W. at 10<sup>oo</sup> N.W by N. 1/2 W. (abeam) at 11<sup>oo</sup> N 1/2 W. At 11<sup>25</sup> lost sight of Ophsun light bearing N 1/8 E. Aneroid 30.34. Banked fires under four boilers. Patent log at end of watch 42 1/2 miles. Distilling.

W. M. Wainwright-Keweenaw W. R. Lieut

Mon. 1 mid Examined and found to be correct.

Dec. 19° 02' 40" S

Phase. N.W.

W. H. Parker  
Lieut and Navigator

LOG of the UNITED STATES

Steamer "Essex", 3<sup>d</sup> Rate, 6 Guns,

Making passage from Nagasaki Japan to Amoy China

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																All square sails with jib except mainsail and fore royal
1	7 0	S.W by N.E.W	N.N.E	5			30.19	67	62	61	70	100	scattered	0	S	
2	7 0	"	"	5			30.19	67	62	61	70	100	"	0	"	
3	7 0	"	"	5			30.19	67	62	61	70	"	"	0	"	
4	7 0	"	"	5			30.19	67	62	61	70	"	"	0	"	
5	2 0	W by S	"	4			30.19	67	62	61	70	bc	circum	8	"	
6	4 0	"	"	4			30.20	67	63	61	70	"	"	6	"	Steaming
7	4 0	west	"	4			30.22	67	63	61	70	"	"	7	"	
8	4 0	W.N.W.B.W	"	4			30.24	67	63	61	70	"	"	2	"	
9	8 2	"	"	3			30.27	65	62	60	70	100	"	0	"	Furled all sail
10	6 0	"	"	4			30.27	63	62	60	70	"	"	0	"	
11	6 0	Standing into Amoy Harbor	"	4			30.27	64	62	60	70	"	"	0	"	
Noon.		"	"	2			30.27	64	62	60	-	"	"	0	"	
115° 03'																

Distance run by Log since preceding Noon

160 knots 0 fathoms.

Latitude by D. R. at Noon

° ' "

Longitude by D. R. at Noon

° ' "

Latitude by Observations at Noon ☽

° ' "

Longitude by Chronometer from Forenoon Observations ☽

° ' "

Current during the time      knots      fms. per hour, setting to the

° ' "

Variation of the Compass by Amplitude ☽ observed at Sunrise

° ' "

1074 Variation of the Compass by Azimuth ☽ observed at

° ' "

Water expended during the preceding 24 hours

350 gallons.

Water distilled      during the preceding 24 hours

1400 "

Water remaining on hand fit for use at Noon

1670 "

Coal consumed during the preceding 24 hours

4 tons 2140 lbs.

Coal remaining on hand at Noon

95 " 580 "

P. M.																
1	ebb	S.E by S	Variable	0-1		30.25	64	63	61		ocd	circum and nimbus	0	S		
2	"	N. by E	"	0-1		30.23	65	64	62		oc	"	0	"		
3	"	"	"	0-1		30.20	64	64	62		bc	"	2	"		
4	"	N.N.W	"	0-1		30.20	64	64	62		"	"	2	"		
5	"	"	Calm	0		30.23	64	64	62		"	"	2	"		
6	"	North	East	1		30.25	68	64	62		oc	circum	0	"		
7 to Flood	Swinging	N. E	N.E	1		30.26	68	64	61		ocd	"	0	"		
8	"	"	"	2		30.28	67	63	60		"	"	0	"		
9	"	S by E	"	2-4		30.30	67	62	60		ocdg	"	0	"		
10	"	S.S.E	"	3-5		30.30	65	61	59		"	"	0	"		
11	"	S.E by E	"	3-5		30.30	65	60	58		"	"	0	"		
Mid.	"	"	"	2-4		30.30	65	60	58		"	"	0	"		

Longitude by Chronometer from Afternoon Observations ☽

° ' "

Longitude by Chronometer from Observations \*

° ' "

Variation of the Compass by Amplitude      observed at Sunset

° ' "

Variation of the Compass by      at

° ' "

under the command of

Commander A H Mc Connich

, U. S. Navy,

Sunday December 3<sup>rd</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather pleasant though damp. Fresh breeze from N.N.E. Barometer steady. Sea smooth. Tires banked. Distilling water. Aneroid Barometer 30.35.

Karl Rohr, Lieut

From 4 to 8 A.M. Weather cloudy and pleasant. Moderate breeze from N.E. and E. Smooth sea. Barometer rising. At 4.20. sighted Dold Island light bearing (pc) WbyN. At 4<sup>45</sup> changed course to W by S. At 5<sup>30</sup> coupled propeller and started ahead under steam and sail. At 6<sup>05</sup> changed course to West. At 6<sup>25</sup> sighted Chapel Isld light bearing West. Sighted land ahead, and on starboard bow at 6.30. Changed course according to bearings of land. Steering N.W. by W $\frac{1}{2}$  W. at end of watch. Dold Isld bearing N by E $\frac{1}{2}$  E. and Chapel Isld W.S.W $\frac{1}{4}$  N. Aneroid 30.40. Patent log 99.5. Steam pressure 50 lbs. Revolutions 44.

Phoebe Lieut

8 A.M. to Meridian. Overcast and cloudy. Moderate breeze from North. Steaming into harbor of Amoy under directions of Comdg Officer. At 8.35. called all hands and shortened sail. At 8.45. furled sail. At 9<sup>10</sup> stopped to secure starboard rudder chain. At 9<sup>30</sup> started ahead. At 11<sup>32</sup> slowed down, and at 11<sup>45</sup> called all hands bring ship to anchor. At 11<sup>56</sup> stopped; and come to with starboard anchor in 13 fathoms water veering to 75 fathoms on starboard chain. Let go port anchor, veering to 30 fathoms on port chain. Bearings of anchorage; Semaphore, N.W. by W $\frac{1}{4}$  N.; Ten foot rock, W by S. Cornwallis stone. S.E. by E $\frac{1}{4}$  E. Aneroid Barometer 30.36.

W.H. Dunn, Lieut

Meridian to 4 P.M. Cloudy Pleasant. Light variable air. Received an official visit from officer from French Iron Clad "Triomphante". At 1<sup>00</sup> finished mooring ship. Veered to 30 fathoms on port chain, and hove in to 55 on starboard. Slack water at 1.50. and at 2.10. ship finished swinging to ebb. Strength of tide at 3.30. was 1.6 knots. At 1<sup>00</sup> sent an officer to inform the U.S. Consul. of our arrival, and offer him passage to ship. Draft aft 15 ft. 8 in. Forward 13 ft. 5 in. Aneroid 30.34.

Wainwright-Keevyg Lieut

4 to 8 P.M. Weather overcast and cloudy. Drizzling rain in latter part of watch. Slack water at 6<sup>00</sup>. Commenced swinging to flood at 6.15. Barometer rising. Lowered the smoke stack. Distilling water. Aneroid Barometer 30.39.

Karl Rohr, Lieut.

8 P.M. to Midnight. Overcast and cloudy. Drizzling rain. Wind fresh in squalls from N.E. light to stiff in force. Bar. steady. Ship finished swinging to flood tide at 8.05. Clear hawse. Distilling with boilers 2 and 4. Strength of tide at 11<sup>30</sup> was + 8. Knots. Barometer 30.42.

R.O. Bitter, Ensign

Moon 1 mid Examined and found to be correct.

Dec 18° 02' 05"S

Phase New Moon

W.H. Parker  
Lieut and Navigator

## LOG of the UNITED STATES

Steamer "Essex."

3<sup>d</sup> Rate,

6 Guns,

Amoy. China.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. at f.d.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
Flood	S.E.		N.E.	2			30.32	63	60	58		scd	cumbrum	0	S	
2 Ebb	N.N.E.		,	2			30.32	63	59	57		sc	"	0	"	
3 "	"		"	2			30.32	63	59	57		"	"	0	"	
4 "	"		"	2			30.32	63	59	57		"	"	0	"	
5 "	"		"	2			30.32	63	59	56		scd	"	0	"	
6 "	"		"	2			30.34	62	59	53		bc	cumstrat	2	"	
Swinging to flood	N.E.		"	2			30.36	62	58	54		"	"	3	"	
8 "	E by N.		S by N.	3			30.38	61	57	52		"	circum and strat	4	"	
9 "	"		"	3			30.40	62	58	53		bcg	circum and cum	4	"	
10 "	S.S.E.		E.N.E.	3-5			30.40	64	61	54		"	"	4	"	
11 "	"		"	3-5			30.38	64	62	56		"	"	4	"	
Noon.	S.E.		"	3-5			30.36	64	62	56		"	"	2	"	

Distance run by Log since preceding Noon

knots      fathoms.

Latitude by D. R. at Noon

°      '      "

Longitude by D. R. at Noon

°      '      "

Latitude by Observations at Noon ☽

°      '      "

Longitude by Chronometer from Forenoon Observations ☽

°      '      "

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°      '      "

Variation of the Compass by Azimuth ☽ observed at

°      '      "

Water expended during the preceding 24 hours

330 gallons.

Water distilled during the preceding 24 hours

1600 "

Water remaining on hand fit for use at Noon

3940 "

Coal consumed during the preceding 24 hours

1 tons 1660 lbs.

Coal remaining on hand at Noon

93 " 11.60 "

P. M.																
1 Flood	S.E.		E.N.E.	2-4			30.33	64	62	56		bcg	circum	2	S	
2 "	"		N.E.	2-4			30.30	66	62	56		"	"	6	"	
3 Ebb	N by W.		"	2-4			30.30	66	62	55		"	"	7	"	
4 "	"		"	2-4			30.30	66	62	55		"	"	8	"	
5 "	"		"	2-4			30.32	64	61	54		"	strat	9	"	
6 "	"		"	2-4			30.34	63	60	54		"	"	9	"	
7 "	"		"	2-4			30.36	66	59	52		"	"	9	"	
8 "	N.E.		"	3-4			30.37	66	57	52		"	"	9	"	
9 Swinging to flood	"		"	3-5			30.38	65	57	53		"	cir	9	"	
10 Flood	S.E.		E.N.E.	3-5			30.38	64	58	53		"	"	9	"	
11 "	"		"	4-6			30.38	62	58	53		"	"	9	"	
Mid.	"		"	4-6			30.38	59	57	52		"	"	9	"	

Longitude by Chronometer from Afternoon Observations ☽

°      '      "

Longitude by Chronometer from Observations \*

°      '      "

Variation of the Compass by Amplitude observed at Sunset

°      '      "

Variation of the Compass by      at

°      '      "

under the command of

Commander A. H. Mc Cormick.

, U. S. Navy,

Monday December 3<sup>rd</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast and cloudy. Light drizzling rain first hour. Gentle breeze from N.E. swung to the Ebb at 1<sup>05</sup>. to 2<sup>00</sup>. At 1<sup>30</sup> stopped distilling and banked fires for heating ship. Aneroid Barometer 30.44.

W. M. Grinn <sup>M. J.</sup> Lieut.

From 4 to 8 A.M. Clear and cool. Cloudy. Light breeze from N.E. to Eby N. Swinging to wind during watch. Aneroid 30.50.

W. M. Grinn <sup>M. J.</sup> Lieut.

W. M. Grinn <sup>M. J.</sup> Lieut.

8 A.M. to Meridian. Weather pleasant. Breeze gentle to fresh in squalls from Eby N. to E.N.E. Barometer steady. Saw cumulus clouds. At 9:40 mustered at quarters and afterwards had battalion drill. Fires banked. Loosed sail at 9:30; and furled light sails, and stowed fore and aft sail at 11:30. The U.S. Consul came on board at 11:30. An English Steamer, and a Chinese Gun Boat came in and anchored. Aneroid Barometer 30.47. Riding to flood tide. Strength of current 1-8 knots.

J. L. Whittier <sup>H.R.</sup> Lieut.

From Meridian to 4 P.M. Weather clear and pleasant. Gentle breeze from N.E. and E. Barometer steady. Sent down topgallant and royal yards, and topgallant masts at 3:55. Furled sail at 1<sup>00</sup>. Aneroid at end of watch 30.40.

P. R. Rice <sup>H.R.</sup> Lieut.

4 to 8 P.M. Clear and cool. Wind in squalls from N.E.; light to moderate in force. Barometer rising. At 4:45 mustered at quarters. Ship riding to ebb tide. Strength at 7<sup>00</sup>. 0.8 knots. Clear hawse. Aneroid Barometer 30.50.

R. O. Bittler <sup>B.</sup> Ensign

R. O. Bittler <sup>B.</sup> Ensign

8 P.M. to Midnight. Cloudy, cool. Moderate breeze with occasional strong puffs from E.N.E. Aneroid 30.50. At 9:20 finished swinging to flood. W. M. Grinn <sup>M. J.</sup> Lieut.

Moon 1 mid Examined and found to be correct.

Dec. 16° 03' 44"S.

Phase. New Moon.

W. S. Parker  
Lieut and Navigator

LOG of the UNITED STATES

*Steamer "Essex"*, 3<sup>d</sup> Rate, 6 Guns,  
Amoy. China

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10hrs.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. at'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Flood	East	E.N.E	4.6			30.35	60	54	50		Say	circum	9	S	
2	"	N.E	N.E	2.5			30.35	59	54	50		"	"	9	"	
3	ebb	N by E	"	2.4			30.30	59	54	50		"	"	9	"	
4	"	"	"	2.4			30.30	59	54	50		"	"	9	"	
5	"	"	"	2.4			30.34	58	53	57		"	"	6	"	
6	"	"	"	2			30.38	58	55	57		bc	circum and strat	5	"	
7			N.N.E	"	1		30.42	58	54	50		"	"	4	"	
8 to Flood			"	"	1		30.45	60	54	50		"	"	4	"	
9			E.S.E	"	1		30.47	60	53	50		"	"	4	"	
10			"	"	1		30.48	60	58	52		"	circum	7	"	
11			S.S.E	E.N.E	2		30.46	62	60	54		"	"	8	"	
Noon.			S.E	N.E	2		30.42	64	62	52		"	"	9	"	

Distance run by Log since preceding Noon

knots      fathoms.

Latitude by D. R. at Noon

°      '      "

Longitude by D. R. at Noon

°      '      "

Latitude by Observations at Noon ☽

°      '      "

Longitude by Chronometer from Forenoon Observations ☽

°      '      "

Current during the time      knots      fms. per hour, setting to the

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°      '      "

Variation of the Compass by Azimuth ☽ observed at

°      '      "

Water expended during the preceding 24 hours

320      gallons.

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2620      "

Coal consumed during the preceding 24 hours

tons 1700      lbs.

Coal remaining on hand at Noon

92      " 1700      "

P. M.																
1	Flood	S.E	N.E	3			30.40	66	61	53		bc	circum	5	S	
2	"	"	"	3			30.38	68	61	53		"	"	5	"	
3	Swinging	N.E	E.N.E	3			30.39	68	61	53		"	"	4	"	
4	ebb	North	"	2.4			30.36	68	61	53		"	"	3	"	
5	"	N by W	N.E	2.4			30.37	67	58	53		Say	"	2	"	
6	"	"	"	3.5			30.37	67	58	53		"	"	1	"	
7	"	North	"	3.5			30.40	66	57	52		"	"	3	"	
8	"	N.E by E	"	3.5			30.41	69	55	50		"	"	2	"	
9 to flood		"	"	3.5			30.44	68	55	50		"	com and cir cum	3	"	
10	"	S.S.E	E.N.E	3.5			30.44	66	56	50		"	"	4	"	
11	"	South	East	3.5			30.44	64	56	50		"	"	4	"	
Mid.	"	E.S.E	N.E	3.5			30.44	62	53	49		"	"	5	"	

Longitude by Chronometer from Afternoon Observations ☽

°      '      "

Longitude by Chronometer from Observations \*

°      '      "

Variation of the Compass by Amplitude      observed at Sunset

°      '      "

Variation of the Compass by      at

°      '      "

under the command of

Commander A. H. McCormick

, U. S. Navy,

Tuesday December 4<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather pleasant. Breeze light to fresh in squalls from E.N.E. to N.E. Barometer falling. Cirro cumulus clouds. Fires banked. Swung to ebb at 2.30; strength of current at 4° 18' knot. Aneroid Barometer 30.50.

*H. A. White R.R. Lieut-*

From 4 to 8 A.M. Weather partly cloudy and pleasant. Gentle breeze from N.E. & E. Barometer rising. A Chinese Gun Boat left the harbor at 5.30. Sent up topgallant masts and topgallant yards at 7<sup>30</sup>. Began swinging to flood tide at 7.35. Strength of ebb tide 1.8 knots. Aneroid at end of watch 30.55.

*C. P. Reed Lieut*

8 A.M. to Meridian. Clear and pleasant. Light airs to, light breeze from N.E. to E.N.E. At 9<sup>30</sup> mustered at quarters. At 10<sup>00</sup> called away all boats armed and equipped; lowered all boats with exception of steam cutter. Commanding Officer of Triumphant paid official visit to ship. Commanding Officer left ship to make official visits. Finished swinging to flood at 8<sup>30</sup>. Strength of tide at 11.30. 1.2 knots. Aneroid 30.57. Chinese Gun Boat came in and anchored; also English Steamer

*R. D. Bitter Ensign*

Meridian to 4 P.M. Pleasant weather. Moderate breeze from N.E. hauling to E.N.E. Barometer falling slowly. High water at 2<sup>40</sup>; swung to Ebb tide at 3.30. Strength of tide 1. Knot. Aneroid Barometer 30.47.

*W. M. Simms Lieut*

4 to 8 P.M. Cloudy. Pleasant. Fresh breeze with occasional strong puffs puffs from N.E. At 4<sup>45</sup> mustered at quarters. At 5<sup>00</sup> tide running one knot. Ebb tide until 7<sup>00</sup>. Slack water remainder of watch. Aneroid Barometer 30.54.

*W. M. Simms Lieut - See next page*

8 P.M. to Midnight. Weather cloudy and cool. Wind blowing in moderate squalls from N.E. and E. Barometer steady. Began swinging to flood tide at 8.20. Finished swinging at 9<sup>30</sup>. Strength of tide at 10.45. Aneroid at end of watch 30.34.

*A. P. Reed Lieut*

Mon. 1 mid Examined and found to be correct.

Dec. 13° 20' 02" S.

Phase New Moon.

*W. H. Parker  
Lieutenant Navigator*

LOG of the UNITED STATES

## Steamer "Essex."

3<sup>d</sup> Rate,

6 Guns,

Anchored off Amoy, China.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clean Sky, in 100ds.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. at'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Hood	S.E.	N.E.	3			30.42	62	57	52		bc	circum	5	S	
2	"	"	"	2			30.40	62	57	52		"	"	5	"	
3	Obb	North	"	2			30.40	62	57	52		"	"	5	"	
4	"	"	"	2			30.40	62	57	52		"	"	6	"	
5	"	N by W	"	2.4			30.40	60	56	50		scy	"	0	"	
6	"	"	"	1.5			30.43	60	56	50		"	"	0	"	
7	"	"	N.N.E.	2			30.43	60	56	50		bc	"	1	"	
8	"	N by E	"	2			30.45	60	56	50		"	"	1	"	
9	Swinging to 7 fobd	"	N.E.	2			30.49	63	55	49		"	"	2	"	
10	"	E.S.E.	"	2			30.49	64	58	50		"	"	5	"	
11	Standing out of Noon Amoy Harbor	"	"	3			30.49	64	61	52		"	"	7	"	
			"	3			30.46	65	62	52		"	"	7	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

"

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

300

gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2320

"

Coal consumed during the preceding 24 hours

2 tons 1720

lbs.

Coal remaining on hand at Noon

89 "

2220 "

P. M.																
Standing out of Amoy Harbor	"	"	"	E.N.E.	4		30.43	65	62	54	64	bc	cir	8	m	Steaming
2	"	"	"	"	5		30.40	68	59	53	64	"	"	7	"	
3	6 0	S. S. E. 4 4 E	"	"	5		30.37	67	59	53	63	"	"	9	"	
4	3 0	S. E. 4 4 S	"	"	5		30.35	65	58	53	63	"	"	9	"	
5	2 0	S. S. E.	"	"	5		30.33	65	58	53	64	"	circum	5	"	
6	4 2	S. by W	"	"	5		30.33	65	58	53	64	"	and strat	5	"	
7	4 0	"	"	"	5		30.32	65	59	54	63	"	circum	2	"	
8	3 0	S 1/2 N.	N.E. by E	5			30.33	65	59	52	65	"	and cum	4	L	
9	5 8	"	"	"	5		30.33	65	59	52	65	"	"	8	"	
10	6 0	"	"	"	5		30.33	65	59	52	65	"	"	9	"	
11	6 8	"	"	"	7		30.35	65	59	54	65	"	strat	9	"	
Mid.	6 2 4	"	"	"	7		30.37	65	59	54	65	"	"	9	"	
	4 4 7 0	S.W. by W	"	"	7		30.37	65	59	55	65	"	"	9	"	

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander W. H. Mc Cormick

, U. S. Navy,

Wednesday. December 5<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Cloudy and cool. Light to gentle breeze from N.E. At 3<sup>rd</sup> finished swinging to Ebb tide. Clear hawse. Strength of Ebb at 3.30. 0-8 Knots. Aneroid Barometer 30.53. Fires banked under boilers 2 & 4, for heating ship

R.O. Butler, B<sup>o</sup> Ensign

At 8 A.M. Cloudy and cool. Moderate breeze from N.E. hauling to N.N.E. with occasional squalls during first two hours. Tide running 1.4 Knots at 6<sup>th</sup>. Crossed royal yards and bent the gear. Aneroid Barometer 30.58.

W.H. Davis, Lieut

8 A.M. to Meridian. Clear and pleasant. Fresh breeze from N.E. At 9<sup>th</sup> mustered at quarters, and secured battery for sea. Making preparations for sea during watch. At 9<sup>th</sup> boarded the American Brigantine "Louise", and Brig "Christine Nelson". At 10<sup>th</sup> finished swinging to flood. Draft forward 13 ft. 6 in. aft 15 ft 11 in. At 11<sup>th</sup> called all hands unmoor ship; unmoored ship and stood out of Amoy under four boilers. having started fires under two boilers at 9<sup>th</sup>. Aneroid 30.54.

Wainwright-Keeley, Lieut

Meridian to 4 P.M. Weather clear and pleasant. Fresh breeze from E.N.E. Moderate sea, ship riding it easily. Until 3<sup>rd</sup> standing out of Amoy harbor Captain directing course. At 2<sup>nd</sup> took departure Chouchat Rocks bearing (pc) S.W by 1/2 W. distant one mile. Put over patent log indicating 77 Knots, and by order of Captain put the ship on the course S.S.E 1/4 E. At 3<sup>rd</sup> changed course to S.E. by S. at 3.35. to S 3/4 E. at 3<sup>rd</sup> to S.S.E and at 3<sup>rd</sup> to S.E. all by order of Captain. Under steam; pressure 50 lbs, and making 40 revolutions. At 4<sup>th</sup> patent log indicated 20 miles. and Chapel Island was on port beam. distant about two and half miles. Aneroid Barometer 30.49.

W.H. Arthur, R.R. Lieut.

From 4 to 6 P.M. Weather cloudy with strong breeze in squalls from N.N.E. Barometer steady. Mustered at quarters at 4.45. Changed course at 4.20. to S by W. Chapel Island bearing North, distant about four miles; changed course at 5.35. to S 1/2 W. Aneroid at end of watch 30.50. Patent log 33. Steam pressure 50. Revolutions 37. At end of watch Chapel Island light bearing N by E.

C. Reis, Lieut.

From 6 to 8 P.M. Weather pleasant. Misty around the horizon. Fresh breeze from N.E. Long swell from E<sup>d</sup>. Ship rolling deeply. Barometer steady. Aneroid at end of watch 30.52. At 6<sup>th</sup> lost sight of Chapel Island bearing N 1/2 E

W.H. Davis, Lieut.

8 P.M. to midnight. Clear. Slightly hazy around the horizon. Blowing a moderate gale from N.E by E. Moderate sea. Ship rolling at times from 15°. to 20°. At 10.20. changed course to S.W by W. Patent log read 61 miles. Steaming under four boilers. Average Rev. 33.5 steam 50. lbs. At 11<sup>th</sup> started fires under two more boilers. Patent log at end of watch 72 miles. Aneroid 30.52.

Wainwright-Keeley, W.C. Lieut

Moon 1 mid Examined and found to be correct.

Dec 9° 54' 46" S.

Phase New Moon.

W.H. Parker  
Lieut and Navigator



under the command of

Commander A. H. McCormick

, U. S. Navy,

Thursday December 6<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Begins and until 4 A.M. Weather clear and pleasant. Gentle breeze from N.E. Moderate sea. Barometer steady. Under steam pressure 50 lbs, and making 29 revolutions. Fires banked under two boilers. At 2:45 sighted Lammock Is'ds light bearing about W.N.W. At 3<sup>rd</sup> changed course by order of Captain to West. Patent log reading 91.4 knots. And at 4<sup>th</sup> changed course by order of Captain to W by S. Patent log reading 96.6 knots, and Lammock Island light bearing N.W by W. Aneroid Barometer 30.50

Nad Parker, Lieut

From 4 to 8 A.M. Weather cloudy and squally. Barometer steady. At 5:54 Lammock Island Light bore North. At 6<sup>th</sup> ste fore topmast staysail and main trysail. At 6:45 changed course to W.N.W. patent log showing 113.3. At 7:30 changed course to N.W by W 1/2 N. patent log showing 18.8. Sighted land on starboard bow at 6<sup>th</sup>. Land in sight ahead and along starboard beam at end of watch. Aneroid 30.58. Patent log 22.8. Steam pressure 50. revolutions 37.

C. R. Rey, Lieut

8 A.M. to Midday. Partly cloudy. Cool. Strong breeze from N.E. slightly moderating towards the close. Long swell from N.E. and E.S.E. and ship rolling deeply. At 8:25 sighted Cape of Good Hope Lighthouse bearing N.W 1/2 N; changed course to N.N.W. and during remainder of watch standing into Swatow Harbor. Hoisted jacks for Pilot, and at 10:50 took in fore topmast staysail and main trysail and slowed down. At 11:00 stopped and took Pilot on board. Started and set fore topmast staysail and main trysail. At 11:45 took them in again and made preparations for port. Hauled in Patent log at 10:50. Steam 49 lbs. Revolutions 36.8. Aneroid Barometer 30.48.

W. M. Dunn, Lieut

Midday to 4 P.M. Clear and pleasant. Moderate breeze gradually growing lighter as we came up the river. At 12:25 called "all hands"; and in charge of the Harbor Master came to anchor at 12:35. in 5 fathoms of water off Swatow; and moored ship with anchors North and South, with 30 fathoms to both anchors. Received an official visit from German Consul, who is the Acting U.S. Consul. Flood tide during watch. Tide running 1.6 knots at 3 o'clock. Aneroid 30.48. Hauled fires under all boilers. Bearings of Anchorage. Middle pier S by S 1/2 E. Bottefourt Rock S 1/2 E.

W. C. Parker, Lieut

4 to 8 P.M. Weather clear and pleasant. Breeze light to moderate from S. to E.N.E. Barometer steady. Slack water at 6:30. and finished swinging to ebb tide at 7:28. Veered on starboard chain so as to bring 30 fathom shackle to the manger. Aner. Bar 30.51.

Nad Parker, H.R. Lieut

8 P.M. to Midnight. Clear and cool. Clouding up last hour of watch. Wind squally from E.N.E. and N.E. Moderate to very fresh in force. Ebb tide. strength at 11:20. 1.0 knots. Aneroid Barometer 30.50. At 11:30 ship swinging to wind. Cross in hawse.

R.D. Bitler, Ensign

Moon. l. mid Examined and found to be correct.

Dec 6: 56-17"

Phase. New Moon

W. C. Parker  
Lieut and Navigator

LOG of the UNITED STATES

*Steamer "Essex,"*  
Anchored off Swatow, China.

3<sup>d</sup> Rate,

6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10hrs.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Swing to flood	N.W.	N.E.	3			30.38	61	56	51		bc	cu	9	S	
2	"	"	"	3			30.38	60	55	57		"	"	9	"	
3	"	N.N.E.	"	1			30.38	60	54	50		"	"	9	"	
4	"	"	"	1			30.36	59	53	49		"	"	9	"	
5	"	N.E.	"	1			30.36	58	53	49		"	"	9	"	
6	"	"	"	1			30.36	58	53	48		"	cirrostrat	9	"	
7	"	W.N.W.	N.N.E.	1			30.38	58	54	49		"	"	8	"	
8	ebb	West	North	1			30.40	56	54	50		"	"	9	"	
9	"	"	"	3			30.40	58		51		"	circum	8	"	
10	"	S.S.W.	N.E.	2			30.40	59	58	53		"	"	8	"	
11	"	"	"	2			30.38	61	61	54		"	"	8	"	
Noon.	"	"	"	2			30.36	61	61	54		"	ci	9	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours      330      gallons.

°

"

Water      during the preceding 24 hours

°

"

Water remaining on hand fit for use at Noon      1650      "

°

"

Coal consumed during the preceding 24 hours      tons 300      lbs.

°

"

Coal remaining on hand at Noon      79 " 2020 "      "

P. M.																
1	ebb	S.S.W.	N.E.	2			30.36	61	61	54		bc	ci	9	S	
2	flood	E.N.E.	East	2			30.30	61	60	53		"	"	9	"	
3	"	Eby N	"	2			30.28	62	60	53		"	"	9	"	
4	"	East	Eby N.	2			30.28	63	60	53		"	"	9	"	
5	"	"	East	3			30.28	62	59	54		"	cirrostrat	8	"	
6	"	"	"	3			30.30	62	59	54		"	"	8	"	
7	"	E.N.E.	"	2			30.30	62	59	54		bc	-	10	"	
8	Swing to ebb	"	"	1			30.30	62	59	55		"	-	10	"	
9	"	"	"	2			30.30	62	59	55		"	-	10	"	
10	"	West	N.N.E.	2			30.29	62	59	55		"	-	10	"	
11	"	"	"	2			30.28	62	60	56		bc	circum	8	"	
Mid.	"	"	"	2			30.27	61	60	56		"	"	8	"	

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. Mc Cormick , U. S. Navy,  
Friday December 7<sup>th</sup> , 1853.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear with bright starlight. Gentle breeze from N.E. Swung to the flood at 1<sup>00</sup>. getting around at 2.30. Cross in  
the hause. Aneroid Barometer 30.50

W.M. Smith

W.M. Smith Lieut.

From 4 to 8 A.M. Clear and pleasant. Light airs from N.E. and E.E. Slack water at 6<sup>50</sup>. and at 7<sup>10</sup>. finished swinging to ebb. Aneroid 30.50.

W. M. Smith - Recd. R. Lieut.

8. W.W. to Meridian. Weather clear and pleasant. Light breeze from N. to N.E. Barometer falling. Cirrus and cirro cumulus clouds. Tent down royal yards. The English Consul visited the ship. Riding to ebb tide; strength of current 2.6 knots. Aneroid Barometer 30.45.

Hal Arkle Lieut

Meridian to 4 P.M. Clear and pleasant. Light airs to gentle breeze from East. Falling Barometer. Slack water at 12.30. Ship swung to flood at 1.06. Tested life buoys and found them in good working order. Commanding Officer left ship to pay official visits. Set of tide West; drift 1.4 knots.

H.C. Bulwer Ensign

4 to 8 P.M. Clear and pleasant. Light airs to gentle breeze from East. Slack water at 7<sup>00</sup>. finished swinging to ebb at 7<sup>50</sup>; cross in hause. At 4.45 mustered at quarters. Aneroid 30.43.

R.D. Bitter Ensign

8 P.M. to Midnight. Clear and pleasant. Light breeze from N.N.E. Ebb tide during watch. Tide running 2 Knots at 9<sup>30</sup>. Moonlight. Aneroid 30.40.

W. M. Smith - Recd. R. Lieut.

Moon. 1 mid Examined and found to be correct.

Dec 1° 33' 08" S.

Phase First Quarter

W.H. Parker  
Lieut and Navigator.

LOG of the UNITED STATES

*Steamer "Essex"*, 3<sup>d</sup> Rate, 6 Guns,  
Anchored off Swatow, China.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	86	S.W. by W.	N.N.E.	2			30.25	60	58	55		bc	circum	8	1	
2	"	West	"	2			30.25	59	58	55		"	"	9	"	
3	Flood	N by E	North	1			30.25	59	55	52		"	"	9	"	
4	"	N.E. by E	"	1			30.25	59	55	52		"	"	9	"	
5	"	"	"	1			30.25	59	55	52		"	cirratus	9	"	
6	"	"	Calm	0			30.26	59	55	53		"	"	7	"	
7	"	"	"	0			30.28	59	56	54		"	cumulus and stratus	1	"	
8	Swinging to E	"	N.E.	1			30.29	59	57	54		"	"	1	"	
9	"	West	Calm	0			30.30	59	57	54		"	"	2	"	
10	"	"	"	0			30.30	59	58	55		"	"	2	"	
11	"	"	"	0			30.30	61	59	55		"	cumulus and stratus	6	"	
Noon.		W.S.W.	W.S.W.	1			30.28	62	61	56		"	"	7	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

340 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1310 "

Coal consumed during the preceding 24 hours

tons 1600 lbs.

Coal remaining on hand at Noon

79 " 420 "

P. M.																
1	86	West	E.S.E.	1			30.26	64	66	59		bc	circum	7	1	
2	Swinging to Flood	N.W.	"	2			30.23	65	67	59		"	"	5	"	
3	"	N.E.	"	2			30.20	65	65	58		"	"	6	"	
4	"	"	"	2			30.19	65	65	58		"	"	7	"	
5	"	"	"	2			30.19	65	65	58		"	"	7	"	
6	"	O.N.E.	East	1			30.18	64	63	58		"	"	7	"	
7	"	East	"	1			30.18	64	61	58		"	"	7	"	
8	Swinging to	"	"	1			30.20	65	62	59		"	"	4	"	
9	86	W by N	O.N.E.	1			30.20	65	63	60		"	cumulus and circum	3	"	
10	"	West	N.E.	1			30.22	64	63	60		"	"	2	"	
11	"	"	"	1			30.24	64	64	60		"	"	2	"	
Mid.	"	"	"	1			30.24	63	63	59		"	"	1	"	

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. McCormick.

, U. S. Navy,

Saturday. December 8<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences und until 4 A.M. Weather clear and pleasant. Light breeze from N.N.E. to North. Barometer steady. Cirro cumulus clouds. Slack water at 2<sup>oo</sup>. finished swinging to flood at 3.30. Clear hawse. Aneroid Barometer 30.40.

J. Hart Whiner, Lieut.

From 4 to 8 A.M. Weather cloudy and pleasant. Light airs from N.E. Barometer rising. Aneroid at end of watch 30.42. Began swinging to ebb tide at 7.50.

G. R. Rice, Lieut.

8 A.M. to Meridian. Cloudy and pleasant. Calms. Light W.S.W. airs last hour. At 8<sup>oo</sup> finished swinging to ebb. Cross in hawse. Strength of tide at 10.50 1.8 knots. At 9<sup>30</sup> mustered at quarters. Commanding Officer left ship to pay official visits. Aneroid Barometer 30.37.

R. O. Butler, Ensign.

Meridian to 4 P.M. Pleasant weather. Gentle breeze from E.S.E. Barometer falling. Slack water at 1<sup>oo</sup>. finished swinging to the flood at 2<sup>oo</sup>. An elbow in the hawse. Aneroid Barometer 30.30. Greatest strength of flood tide 1 knot.

W. W. Smith, Lieut.

From 4 to 8 P.M. Clear and pleasant. Light breeze from East. Flood tide all the watch. Tide at 5<sup>oo</sup> running 1.6 knots. Aneroid 30.34. Elbow in hawse at end of watch.

W. W. Smith, Lieut.

From 8 P.M. to Midnight. Weather cloudy and pleasant. Light airs from N.E. and W. Barometer rising. Swung to ebb tide 8:15 - 8:45. Strength of tide 1.8 knots. Aneroid at end of watch 30.34. Round turn in hawse.

G. R. Rice, Lieut.

Moon. l. mid Examined and found to be correct.

Dec. 2° 59' - 14° N

Phases First Quarter.

W. H. Parker  
Lieut and Navigator.

LOG of the UNITED STATES

Steamer "Essex", 3<sup>d</sup> Rate, 6 Guns,  
Anchored off Swatow, China.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Ebb	W.S.W.	N.E.	2			30.23	62	62	59		sc	circum and cum	0	S	
2	Swinging to flood	"	"	2			30.22	62	62	59		"	"	0	"	
3	"	N.W.	"	2			30.22	62	62	59		"	"	0	"	
4	"	"	"	2			30.22	62	62	59		"	"	0	"	
5	"	E.N.E.	"	2			30.20	62	61	58		"	"	0	"	
6	"	"	"	2			30.20	62	61	58		"	"	0	"	
7	"	N by W.	N.N.W.	2			30.20	62	61	58		"	"	0	"	
8	"	N.N.W.	Calm	0			30.20	62	61	58		"	"	0	"	
9	"	N.E.	Variable	0			30.24	63	61	56		bc	"	2	"	
10	Swinging to flood	"	"	0			30.27	64	62	56		"	"	4	"	
11	"	West	"	0			30.27	64	63	57		"	"	7	"	
Noon.	"	"	"	0-1			30.25	65	65	57		"	cir stratus	8	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

Longitude by D. R. at Noon

°

Latitude by Observations at Noon ☺

°

Longitude by Chronometer from Forenoon Observations ☺

°

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☺ observed at Sunrise

°

1074. Variation of the Compass by Azimuth ☺ observed at

°

Water expended during the preceding 24 hours

310 gallons.

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

1000 "

Coal consumed during the preceding 24 hours

7 tons 220 lbs.

Coal remaining on hand at Noon

72 " 400 "

P. M.																	
1	Ebb	W.S.W.	West	1			30.22	66	66	59	-	bc	circum and cum	6	S		
2	"	"	S.E.	1			30.20	66	69	60	-	"	cir and circum	7	"		
3	"	S.W.	"	1			30.18	66	69	61	-	"	cir	9	"		
4	Standing down Ham River	"	East	2			30.18	66	65	59	64	"	"	9	"		
5	"	"	N.E.	3			30.18	65	63	59	64	"	"	8	"		
6	"	"	"	3			30.18	65	63	59	64	"	cir stratus	7	"		
7	2 6 5 2	south	S.W. 3/4 S	3			30.18	65	63	59	65	"	"	8	"		
8	9 2	"	"	3			30.18	67	64	60	65	"	"	8	"		
9	8 0 6	"	"	4			30.20	67	64	60	65	"	cir	9	"		
10	6 6	S.W. by 1/2 W	"	4			30.22	66	65	61	65	"	cir and cum	7	"		
11	8 4	"	E.N.E.	4			30.24	66	64	60	65	"	"	6	"		
Mid.	8 2	"	"	4			30.27	66	64	60	65	"	"	7	"		

Longitude by Chronometer from Afternoon Observations ☺

°

Longitude by Chronometer from Observations \*

°

Variation of the Compass by Amplitude      observed at Sunset

°

Variation of the Compass by      at

°

Steaming set all fore and aft sail except flying jib and main topsail took in stanchions made sail to topgallant sails except mainsail and stanchions.

under the command of

Commander A. H. McCormick.

, U. S. Navy,

Sunday December 9<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Overcast and cloudy, with light breeze from N.E. Slack water at 2.30. and finished swinging to flood. at 3<sup>10</sup> using spanker in getting her round right way. Elbow in hawse. Strength of tide 3.45. Knots. Aneroid Bar. 30.33.

R. D. & C. Ensign

4 to 8. A.M. Overcast and cloudy. Gentle breeze from N.E. hauling to N.N.W. and then falling calm. Barometer steady. Clear hawse. Aneroid Barometer 30.38.

W. W. Kimball Lieut.

8. A.M. to Meridian. Clear and pleasant. Light variable airs and calms. At 9.30. called all hands to muster; read the "articles for better government of the navy;" and mustered the crew. At 10<sup>10</sup> Divine Service was held; a missionary from shore officiating. Secured the battery, and boats for sea. Started fires under six boilers at 11<sup>10</sup>. Slack water greater part of watch. At 10<sup>20</sup>. swung to light cb. Aneroid. 30.34.

W. M. Keeler W.R. Lieut.

Meridian to 4 P.M. Weather clear and pleasant. Light breeze from North to East. Barometer falling. Slack water at 2<sup>10</sup>. swung to flood at 3<sup>10</sup>; and swinging anchor in hawse. Cleared hawse, and hove up starboard anchor, then hove up port anchor, and stood down the Han river, Captain directing course. Under steam, fires under six boilers. Aneroid Barometer 30.30.

H. A. White W.R. Lieut

4 to 6 P.M. Weather clear and pleasant. Gentle breeze from N.E. and E.<sup>d</sup>. Barometer steady. Standing out of Swatow harbor under pilotage of Comdig Officers. Set fore topmast staysail, jib, and spanker at 5.55. At 6<sup>20</sup> shifted course South and took departure, Cape of Good Hope light bearing West (pc) Patent Log 43. Steam pressure 55. Revolutions 46. Aneroid 30.34.

O. H. P. R. Lieut

From 5 to 8 P.M. clear and pleasant. Bright moonlight. Moderate breeze from E. by N. hauling to East. At 6<sup>10</sup> changed course from South. to S.W.  $\frac{3}{4}$  E. Patent log reading 45-3; and at 6<sup>20</sup> called "all hands make sail," and made all plain sail to topgall antsails, except mainsail and spanker. At 7<sup>10</sup> sighted Breaker point light bearing S.W. by W. At 7<sup>30</sup> lost sight of Cape of Good Hope light bearing N.N.E.  $\frac{1}{2}$  E. At 7<sup>35</sup> Breaker-point light, changed from a steady red light to a flash bright light. Steam pressure 57 lbs. Revolutions 50. Aneroid Barometer 30.35. At 8<sup>10</sup> Breaker-point light bearing W.S.W.

W. M. Kimball Lieut

8 P.M. to Midnight. Clear and pleasant. Moderate breeze from E.N.E. Smooth sea. At 9<sup>10</sup> Breaker point light bore abeam (SW  $\frac{3}{4}$  W) distant 5 miles. Changed course to S.W. by W. At 11<sup>15</sup> lost sight of Breaker point light bearing when last seen N.E. Passed a large number of junks, and one steamer bound to W.d during watch. Patent log at end of watch 93-8 Knots. Steaming under six boilers. Steam pressure 57 lbs. Revolutions 50. Aneroid 30.40.

W. M. Kimball Lieut

Moon 1 mid Examined and found to be correct.

Dec. 7° 39' - 44" N.

Phase. First Quarter.

W. H. Parker  
Lieut and Navigator.

LOG of the UNITED STATES

Steamer "Essex."

3<sup>d</sup> Rate,

6 Guns,

Making passage from Swatow to Hong Kong, China.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M																
1	8	0	S.W. by N.E.	N.E.	3		30.28	64	63	58	66	bc	cir	9	S	Steaming with all sail set to topgallant sails except mainsail and jib.
2	8	5	"	"	3		30.28	64	63	58	66	"	"	9	"	
3	8	5	"	"	3		30.28	64	62	58	66	"	"	9	"	
4	8	5	"	"	3		30.27	64	62	57	66	"	cum	9	"	
5	4	6	W 1/2 S	"	3		30.27	64	62	57	66	"	"	8	"	
6	8	0	"	N by W	3		30.26	65	62	58	66	"	"	7	"	Set foretopmast staysail
7	4	6	W 3/4 S.	"	3		30.26	65	62	58	66	"	"	8	"	Set spanker
8	9	0	"	"	3		30.28	65	63	56	66	"	"	7	"	
9	9	4	"	"	3		30.30	64	63	56	66	"	"	9	"	Set royals and flying jib.
10	9	0	"	"	3		30.34	64	63	57	68	"	"	9	"	
11	8	8	"	N.N.E.	2		30.33	64	63	57	68	"	"	9	"	
Noon.	2	6	W.S.W 3/4 N.	"	1		30.30	64	64	57	68	"	"	9	"	Loose in all sail

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

Longitude by D. R. at Noon

°

Latitude by Observations at Noon ☽

°

Longitude by Chronometer from Forenoon Observations ☽

°

1073. Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

Variation of the Compass by Azimuth ☽ observed at

°

Water expended during the preceding 24 hours

350 gallons.

Water distilled during the preceding 24 hours

1000 "

Water remaining on hand fit for use at Noon

1650 "

Coal consumed during the preceding 24 hours

14 tons 2040 lbs.

Coal remaining on hand at Noon

57 " 600 "

P. M.																
1	Standing into Hong Kong for Anchorage		N.N.E.	2		30.28	65	65	58	68	bc	cir	9	S		
2	"		"	1		30.25	67	67	59	-	"	"	9	"		
3	Moved	E.N.E.	E by N.	1		30.23	68	67	59	-	"	"	9	"		
4	"	"	"	1		30.23	69	67	58	-	"	"	9	"		
5	"	"	"	1		30.25	67	66	58	-	"	"	9	"		
6	"	N.E. by N.	E.S.E.	1		30.25	66	65	58	-	"	"	9	"		
7	Off	"	"	1		30.25	65	65	58	-	"	"	9	"		
8	"	N.N.W.	Calm	0		30.26	66	66	59	-	"	"	9	"		
9	"	West	"	0		30.25	66	65	59	-	"	"	9	"		
10	"	"	"	0		30.25	66	65	59	-	"	"	9	"		
11	"	"	"	0		30.25	66	65	59	-	"	"	9	"		
Mid.	"	"	East	1		30.25	65	65	59	-	"	"	8	"		

Longitude by Chronometer from Afternoon Observations ☽

°

Longitude by Chronometer from Observations \*

°

Variation of the Compass by Amplitude observed at Sunset

°

Variation of the Compass by      at

°

under the command of

Commander A. H. McCormick.

, U. S. Navy,

Monday December 10<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather clear and pleasant. Breeze gentle from N.E. Barometer steady. Cirrus clouds. Under steam and sail. Pressure of steam 40 lbs, and number of Revolutions 45.5. Smooth sea. At 4<sup>oo</sup> patent log indicated 37.8. Knots. Aneroid Barometer 30.38.

4 to 8 A.M. Weather clear and pleasant. Gentle breeze from N.E. and S.E. hauling to N.E. and W.N.E. Barometer steady. At 4<sup>35</sup> changed course to W. $\frac{1}{2}$ S. Patent log 30. At 5.35 set fore topmast staysail. At 6<sup>30</sup> sighted Pedro Blanco Rock bearing W.S.W. At 6<sup>33</sup> changed course to W. $\frac{3}{4}$ S. and set spanker. Patent log 47.1. At 7.<sup>10</sup> sighted land along starboard bow and beam. Aneroid at end of watch 30.44. Patent log 60. Steam pressure. 48. Revolutions 46. Pedro Blanco Rock C.S. E. $\frac{1}{2}$ S.

8 A.M. to Meridian. Clear and warm, moderate breeze from N by W. hawling to N.W.E. and dying away. At 8<sup>00</sup> crossed royal yards; bent the gear, and set royals and flying jib. Went to quarters at 9<sup>15</sup>; after which had divisional exercise and battalion drill. At 11<sup>30</sup> sighted D'Angilar light house bearing W.S.W.  $\frac{1}{2}$  W. At 11<sup>00</sup> shortened and furled sail. At 11<sup>45</sup> changed course to W.S.W.  $\frac{3}{4}$  W. Aneroid Barometer 30.32.

Meridian to 4 P.M. Clear and pleasant. Light breeze from N.N.E. to E by N. Until 2:30 standing up the Lyceumon Passage into Hong Kong harbor. At 1:35 called "all hands" and in charge of Harbor Master moored ship in Hong Kong harbor, anchors E and W with clear hawsers to N.E.; 30 fathoms on both chains. Bearings of Anchorage. Victoria Peak S.W by W  $\frac{1}{4}$  W. Kellets Island E  $\frac{1}{4}$  S. Ships head E by N. Received official visits from French and English Men-of-war. Hauled fires under four boilers and made preparations for distilling. Merid. 30.32. Waimanlae ~~island~~ <sup>25° 1'</sup>

4 to 8 P.M. Weather clear and pleasant. Light breeze from S. by N. to S.S.E. Barometer steady. Cirrus clouds. Swung to ebb tide at 6<sup>35</sup>. Clear hawse. Mustered at quarters at 4<sup>45</sup>. Commenced distilling at 7<sup>00</sup>. Aneroid Barometer 30.35.

8 P.M. to Midnight. Clear and pleasant. Calm last hour. Light easterly air. Bright moonlight. Ebb tide. Distilling. Aneroid Barometer 30.57.

Rev. Butler, Ensign.

*Mem. L mid* Examined and found to be correct.

Dec 11° 40' - 15° N

Phase. First Quarter

W. H. Parker  
Captain and Navigator.

LOG of the UNITED STATES

Steamer "Essex."

3<sup>rd</sup> Rate,

6 Guns,

Anchored off Hong Kong, China.

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevwy.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M																
1	Flood	E.N.E.	E.N.E.	1			30.27	64	64	59		Sc	circum	8	S	
2	"	"	"	1			30.27	64	64	59		"	"	4	"	
3	"	East.	East	2			30.27	64	63	58		"	"	6	"	
4	"	"	"	2			30.27	64	63	58		"	"	6	"	
5	"	"	N.O.	2			30.27	63	63	58		"	cir	8	"	
6	"	"	"	1			30.27	63	63	59		"	"	9	"	
7	"	"	E.S.E.	1			30.28	62	62	58		"	"	9	"	
8	ebb	N.E.	N.E.	1			30.28	62	62	58		"	"	9	"	
9	"	West	N.W.	1			30.28	64	62	58		"	circum	8	"	
10	"	"	"	1			30.28	66	64	58		"	"	8	"	
11	"	"	"	1			30.28	68	66	60		"	"	7	"	
Noon.	"	"	"	1			30.28	68	66	60		"	"	7	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

Longitude by D. R. at Noon

°

Latitude by Observations at Noon ☽

°

Longitude by Chronometer from Forenoon Observations ☽

°

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

Variation of the Compass by Azimuth ☽ observed at

°

Water expended during the preceding 24 hours

350 gallons.

Water distilled during the preceding 24 hours

2000 "

Water remaining on hand fit for use at Noon

3300 "

Coal consumed during the preceding 24 hours

2 tons 2020 lbs.

Coal remaining on hand at Noon

156 " 820 "

P. M.																
1	ebb	W.N.W.	W.N.W.	2			30.23	67	67	59		Sc	circum	7	S	
2	Flood	E.S.E.	"	2			30.18	67	69	60		"	"	9	"	
3	"	Eby N.	N.N.W.	2			30.17	68	68	60		"	"	9	"	
4	"	"	N.N.W.	2			30.17	69	68	60		"	"	9	"	
5	"	"	N.W.	2			30.18	67	68	60		"	"	9	"	
6	"	"	"	2			30.18	67	67	59		"	cir	9	"	
7	ebb	N.W.	"	1			30.20	68	67	59		"	"	9	"	
8	"	"	Calm	0			30.21	68	67	60		"	"	9	"	
9	"	W.N.W.	"	0			30.21	68	67	60		"	"	9	"	
10	"	"	"	0			30.21	68	67	60		"	"	9	"	
11	"	West	S.E.	1			30.21	68	67	60		"	"	9	"	
Mid.	"	"	East.	1			30.23	67	66	59		"	"	9	"	

Longitude by Chronometer from Afternoon Observations ☽

°

Longitude by Chronometer from Observations \*

°

Variation of the Compass by Amplitude      observed at Sunset

°

Variation of the Compass by      at

°

under the command of

Commander A. H. McCornick.

, U. S. Navy,

Tuesday December 11<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commo  
By N. ha  
Barometr

4 to 8 A.M.  
commence

8 A.M. to N  
steady. Th  
ous came  
anchored.

Captain v  
the Engli  
finished  
nd Barom

Meridian  
W.d. Barom  
official visi  
"St. Swift,  
ville," Beg  
French Man  
the usual o  
official vis  
banked fir

4 to 8 P.M.  
of watch.  
Officer H  
tilling boil

U.S.S. Essex (3<sup>rd</sup> Rate)

Hong Kong China.

December 11<sup>th</sup> 1883.

Sir:

We recommend that John Davidson  
Landsman, be rated to Finisher from -  
October 1<sup>st</sup> 1883.

Very respectfully.

D. P. McCutney Chief Engg. U.S.N.

W. H. Parker Lt. Navig.

F. J. Hoffman P. D. Engg. U.S.N.

To Commander

A. H. McCornick U.S.N.

Commanding.

R. Ritter Ensign.

8 P.M. to midnight. Clear and pleasant. Light breeze from S.E. Ebb tide during  
watch. Moonlight. Aneroid 30.30.

Wainwright Keeney

W. K. Lieut.

Moon 1 mid Examined and found to be correct.

Dec 15 11 34° N.

Phase First Quarter.

W. H. Parker  
Lieut and Navigator.



under the

S. Navy,

3.

Commences and until 4 A.M. Pleasant weather. Light breeze from N by E. hawling to East. Finished swinging to the flood at 12<sup>30</sup>. Aneroid Barometer 30.30. Clear hawse.

W.H. Syren  
w m 3 Lieut.

4 to 8 A.M. Clear and pleasant. Light variable airs. Swung to flood. At 7<sup>00</sup>. commenced coaling ship. Aneroid 30.38.

Warming-de-reevy  
W.R. Lieut.

8 A.M. to Meridian. Weather clear and pleasant. Light breeze from N.W. Barometer steady. The United States Consul visited the ship. The English Flagship "Audacious" came in and made fast to a buoy. The French Corvette "Villars" came in and anchored. Sent an officer on board each with the tender of the usual civilities. The Captain visited the English and French Flagships. The French flagship saluted the English Vice Admiral with 15 guns; which salute the "Audacious" returned. Finished coaling ship. Fires under two forward port boilers. Distilling water. Aneroid Barometer 30.35.

Karl Roth Lieut

Meridian to 4 P.M. Weather clear and pleasant. Gentle breeze from the N.E. and W.d. Barometer falling. The Comdg Officer returned on board at 1<sup>00</sup>. having made official visits to H.M. Ships "Audacious," "Victor Emmanuel," "Cleopatra," "Flying Fish," "Esk," "Swift," and "Champion"; and to the French man-of-war "Victoriense" and "Tourville." Began swinging to flood tide at 1<sup>30</sup>, finished swinging at 2<sup>00</sup>. At 3<sup>40</sup> the French man-of-war "Volta" came in and anchored. Sent an officer to board her with the usual offers of civilities. At 2<sup>45</sup> the Comdg Officer of H.M.S. "Zephyr" paid an official visit on board. Aneroid at end of watch 30.28. Stopped distilling and banked fires.

Alex. Lieut

4 to 8 P.M. Clear and pleasant. Light breeze from N.W., falling calm towards end of watch. At 4<sup>45</sup> mustered at quarters. Received an official visit from Comdg Officer H.M.S. "Cleopatra" Aneroid Barometer 30.31. Hauled fires under distilling boilers at 7.30. Slack water at 7<sup>00</sup>.

R.O. Bitter Ensign

8 P.M. to midnight. Clear and pleasant. Light breeze from S.E. Eb-tide during watch. Moonlight. Aneroid 30.30.

Warming-de-reevy  
W.R. Lieut.

Moon 1 mid Examined and found to be correct.

Dec 15 11 34" N

Phase. First Quarter.

W.H. Parker  
Lieut and Navigator.

LOG of the UNITED STATES

Steamer "Essex,"  
Anchored off Hong Kong, China

3<sup>d</sup> Rate,

6 Guns,

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M																
1	888	West	Calm	0			30.20	65	65	60		Sc	Cir	9	S	
2	"	N.E. by N	N.E. by N.	1			30.20	65	63	56		"	"	9	"	
3	Flood	E.N.E.	"	1			30.20	65	63	56		"	"	9	"	
4	"	East	"	1			30.20	65	63	56		"	"	9	"	
5	"	"	N.N.E.	1			30.22	65	63	56		"	"	9	"	
6	"	"	"	1			30.22	64	63	56		"	Cir Strat	8	"	
7	"	"	Calm	0			30.25	64	62	55		"	"	7	"	
8	Swinging to E	N.N.E.	N.N.E.	1			30.28	64	62	54		"	"	7	"	
9	"	N.N.W.	Calm	0			30.29	65	63	53		"	Cir	9	"	
10	"	"	N.N.E.	1			30.29	65	64	56		"	"	9	"	
11	"	"	"	1			30.29	65	65	57		"	"	9	"	
Noon.	"	West	West.	1			30.27	65	65	57		"	"	9	"	

Distance run by Log since preceding Noon

knots      fathoms.

Latitude by D. R. at Noon

°      '      "

Longitude by D. R. at Noon

°      '      "

Latitude by Observations at Noon ☽

°      '      "

Longitude by Chronometer from Forenoon Observations ☽

°      '      "

Current during the time      knots      fms. per hour, setting to the

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°      '      "

Variation of the Compass by Azimuth ☽ observed at

°      '      "

Water expended during the preceding 24 hours

340 gallons.

Water      during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2960 "

Coal consumed during the preceding 24 hours

tons 2100 lbs.

Coal remaining on hand at Noon

155" 960 "

P. M.																
1	888	West	West	1			30.24	68	69	60		Sc	Circum	8	S	
2	Swinging to Flood	E.N.E.	Calm	0			30.22	68	69	60		"	"	7	"	
3	"	"	East	1			30.20	69	69	60		"	"	8	"	
4	"	"	"	1			30.20	69	69	60		"	"	8	"	
5	"	"	"	1			30.20	69	69	60		"	"	8	"	
6	"	E.N.E.	N.N.E.	1			30.19	68	68	59		"	"	9	"	
7	"	"	"	1			30.19	69	68	59		"	"	9	"	
8	Swinging to E	W. by N.	"	1			30.19	69	66	58		"	"	9	"	
9	"	N.W. by W.	N.N.W.	1			30.24	67	66	57		"	Cir	9	"	
10	"	W. N. W.	N.N.E.	1			30.25	67	65	57		"	"	9	"	
11	"	"	"	1			30.25	67	65	57		"	"	9	"	
Mid.	"	"	"	1			30.25	65	64	56		"	Circum	7	"	

Longitude by Chronometer from Afternoon Observations ☽

°      '      "

Longitude by Chronometer from Observations      \*

°      '      "

Variation of the Compass by Amplitude      observed at Sunset

°      '      "

Variation of the Compass by      at

°      '      "

under the command of

Commander A. H. McCormick

, U. S. Navy,

Wednesday December 12<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather clear and pleasant. Light airs from N.E. by N. Barometer steady. Cirrus clouds. Swung to flood tide at 2<sup>30</sup> Elbow in hawse. Aneroid Barometer 30.32.

W. H. Kohler, R.R. Lieut.

From 4 to 8 A.M. Weather clear and pleasant. Light airs from N.E. and E.<sup>SE</sup>. Barometer rising. Began swinging to ebb tide at 7.35. Aneroid at end of watch 30.36. Received for use of ships company 93 lbs Fresh Beef, 93 lbs Vegetables, 74 loaves Bread. Cleared Hawse.

P. H. R. Lieut.

8 A.M. to Meridian. Clear and pleasant. Calm. Light variable airs. At 9.30 mustered at quarters. Received official visits from French Admiral, from Commodore Comdg. British Naval Establishment at Hong Kong, and from Comdg Officers of H.M. Ships "Audacious," "Champion" and "Swift;" also from Comdg Officers of French Men-of-War "Villars," and "Volta." Comdg Officer left ship to pay official visits. Sent officer to board American Merchantmen in harbor. Getting ready for painting ship's outside. H.M.S. "Midge" got under-way and stood up river. Aneroid Barometer 30.36.

R. B. E. Ensign.

Meridian to 4 P.M. Clear and warm. Light variable airs and calms. Swung to flood tide at 1<sup>30</sup>, getting around at 2<sup>15</sup>. Comdg Officer paid official visits to Governor, of Hong Kong, the General Commanding the Post, the Commanding Officers of H.C.B. M.S. "Vontes," and French Ships "Villars," and "Volta." Received official visits from Commanding Officers of H.C.B.W.S. "Flying Fish" and the French man-of-war "Touville." Crew employed painting ship's side. H.C.B.W.S. "Midge" returned to the harbor and anchored. A small Chinese Gun Boat left the harbor. Aneroid Barometer 30.27. Clear Hawse.

(W. M. Smith)

W. M. S. Lieut.

From 4 to 8 P.M. Clear and pleasant. Light variable airs. Received on board one Boiler and Engine for Steam Cutter. English Gun Boat came in and anchored. Clear hawse at end of watch. Aneroid 30.32.

W. M. S. Lieut.

W. M. S. Lieut.

8 P.M. to Midnight. Weather clear and pleasant. Bright moonlight. Light airs from N.N.E. Barometer steady. Aneroid at end of watch 30.35. Riding to Ebb tide.

P. H. R. Lieut.

Moon: l. mid Examined and found to be correct.

Dec. 17° 44' 39" N

Phase. First Quarter.

W. H. Parker

Lieut and Navigator.

LOG of the UNITED STATES

Steamer "Essex", 3<sup>d</sup> Rate, 6 Guns,  
Anchored off Hong Kong China

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leevay.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Ebb	N.W. by W.	N.N.E.		1		30.26	65	63	56		Sc	cir	9	S	
2	Swinging	"	North		2		30.24	65	63	56		"	"	9	"	
3	Flood	"	East		2		30.22	65	63	55		b	-	10	"	
4	"	"	"		2		30.22	65	63	55		"	-	10	"	
5	"	"	"		2		30.20	63	61	54		"	-	10	"	
6	"	E.N.E.			2		30.20	62	61	53		Sc	circum	9	"	
7	"	E by N			1		30.20	62	61	53		"	"	9	"	
8	Ebb	"			1		30.20	62	61	53		"	"	8	"	
9	"	N.N.E.			1		30.24	63	62	53		"	"	8	"	
10	"	"			2		30.28	63	62	53		"	"	8	"	
11	"	"			2		30.28	63	63	53		"	"	8	"	
Noon.	"	W.N.W.			2		30.25	65	65	52		"	"	8	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

Longitude by D. R. at Noon

°

Latitude by Observations at Noon ☽

°

Longitude by Chronometer from Forenoon Observations ☽

°

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

Variation of the Compass by Azimuth ☽ observed at

°

Water expended during the preceding 24 hours

350 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2610 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

155 " 660 "

P. M.																
1	Ebb	W.N.W.	N.N.E.	2			30.23	66	66	57		Sc	circum	8	S	
2	"	"	"	1			30.22	67	68	57		"	"	8	"	
3	"	N.E.	"	1			30.21	67	67	57		"	"	8	"	
4	Flood	East	"	1			30.21	67	67	57		"	"	8	"	
5	"	"	"	1			30.20	67	67	57		"	cistrat	7	"	
6	"	E.N.E.	"	3			30.20	67	67	57		"	"	7	"	
7	"	N.E.	"	3			30.20	67	67	57		"	"	7	"	
8	"	"	"	3			30.22	67	67	57		"	cir	9	"	
9	Swinging to Ebb	"	"	3			30.24	67	64	54		"	"	9	"	
10	"	"	"	2.4			30.26	66	64	54		Sc	-	10	"	
11	"	W by N	"	2.4			30.26	65	62	53		"	-	10	"	
Mid.	"	"	North	2.4			30.26	64	62	52		"	-	10	"	

Longitude by Chronometer from Afternoon Observations ☽

°

Longitude by Chronometer from Observations \*

°

Variation of the Compass by Amplitude      observed at Sunset

°

Variation of the Compass by      at

°

under the command of

Commander A. H. McCormick.

, U. S. Navy,

Thursday December 13<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Light breeze from N.N.E. Ship finished swinging to flood tide at 2.45. Clear hawse. Aneroid Barometer at end of watch 30.32.

R. R. Bidder, Ensign.

4 to 8 A.M. Pleasant weather. Gentle breeze from N.N.E. Barometer steady. Received on board in Paymasters Department 93 lbs fresh Beef and vegetables, and 74 loaves bread. Aneroid Barometer 30.37.

W. M. Dunn,  
w.m.s. Lieut.

8 A.M. to Meridian. Clear and pleasant. Light breeze from N.N.E. At 9.30 mustered at quarters. Received official visits from Captain H. B. M. Ship "Orontes" Boarding officer of H. B. M. S. "Vigilant," and from Major General Sargent of the English Army. Received in Construction Department 12 lbs Sheet Brass, 8 lbs Hoop Iron, 50 sheets sandpaper, 2 qt. Brass Screws, 2 lbs Copper Tacks, 2 lbs Copper Wire, 4 lbs Brass Wire, 112 lbs Blk Paint, 420 lbs Wht Lead, 140 lbs Wht Zinc, 10 Paint Brushes, 2 lbs Ch. Green, 6 lbs Pt. Under, 1 lb Prussian Blue, 2 lbs Ch. Yellow, 1 lb Vermilion, 1 Gall. Japan Dyer, 10 Galls Raw Oil, 15 Galls Boiled Oil, 18 lbs Gum Shellac, 25 lbs Putty, 5 sash tool Brushes. Clear hawse. Aneroid 30.40.

Wainwright - Kelley

w.m.s. Lieut

Meridian to 4 P.M. Weather clear and pleasant. Light breeze from N.N.E. Barometer falling. Received on board in Construction Department. 56 lbs Yellow ochre, and in Equipment Dept. 1 bbl charcoal, 1 bbl lime, 1 coil 4 ib., 1 1/4 inch hemp, 1 coil 18 th. Manilla, 1 coil 12 th. Manilla, 1 coil 1 1/4 in. Manilla, 1 coil, 2 in. Manilla, 1 coil houeline, 1 coil marline, 1 coil 18 th. ratlin stuff, 1 coil 21 th. ratlin stuff, 1 side leather, and 50 Bath Brick. Swung to flood at 3<sup>o</sup>. Clear hawse. Aneroid Barometer 30.38.

7 Adm. W. H. Parker, Lieut

4 to 8 P.M. Weather clear and pleasant. Light airs from N. and E. Barometers steady. Received in Equipment Department 3 hanks of God Line. Bright Moonlight. latter part of watch. Aneroid 30.34.

C. H. C. R. Lieut.

8 P.M. to Midnight. Clear with bright moonlight. Moderate breeze from N.N.E. with occasional squalls latter part. Swung to ebb tide at 7<sup>1/2</sup>. Clear hawse. Aneroid Barometer 30.38.

W. M. Dunn

w.m.s. Lieut

Moon 1<sup>st</sup> mid Examined and found to be correct.

Dec 19° 04' 38" N.

Phase Full Moon.

W. M. Park  
Lieut and Navigator.

LOG of the UNITED STATES : Steamer "Essex." , 3<sup>d</sup> Rate, 6 Guns,  
Anchored off Hong Kong. China

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Lee-way.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M																
1	Ebb	WNW	NN.E	3			30.28	63	61	51		b	-	10	S	
2	"	"	"	2.4			30.28	63	60	50		bq	-	10	"	
3	"	North	North	3.5			30.30	62	59	48		"	-	10	"	
4	Flood	"	"	3.5			30.30	62	59	48		"	-	10	"	
5	"	East	N.E	4			30.30	62	59	49		bc	circum	8	,	
6	"	"	"	4			30.30	62	59	49		"	"	8	,	
7	"	EN.E	"	4			30.30	62	59	49		"	"	8	"	
8	"	"	"	4.5			30.30	62	59	49		bog	"	8	,	
9	"	N.E by E	"	3.4			30.34	62	59	50		"	"	7	"	
10	Ebb	N.N.E	N by E	3.4			30.34	62	60	50		"	"	7	"	
11	"	NN.W	"	3.5			30.34	62	61	57		"	"	7	"	
Noon.	"	"	"	3.5			30.34	62	61	57		"	"	8	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

" "

Longitude by D. R. at Noon

" "

Latitude by Observations at Noon ☽

" "

Longitude by Chronometer from Forenoon Observations ☽

" "

Current during the time      knots      fms. per hour, setting to the

Variation of the Compass by Amplitude ☽ observed at Sunrise

" "

Variation of the Compass by Azimuth ☽ observed at

" "

Water expended during the preceding 24 hours

340 gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2270 "

Coal consumed during the preceding 24 hours

tons 300 lbs.

Coal remaining on hand at Noon

155 " 360 "

P. M.																
1	Ebb	NW	NN.E	3			30.30	62	63	53		bc	cio	9	S	
2	"	"	"	3			30.28	63	64	54		"	"	9	"	
3	Swinging to flood	N.E	"	3			30.26	64	64	52		"	"	9	"	
4	"	"	"	2			30.26	64	64	52		"	"	9	"	
5	"	E by N	"	2			30.28	65	64	59		"	"	9	"	
6	"	"	"	1			30.28	65	64	53		"	"	9	"	
7	"	E.N.E	"	1			30.30	65	63	53		"	"	9	"	
8	"	"	"	1			30.30	66	62	52		"	"	9	"	
9	"	NN.W	"	1			30.30	66	61	51		"	"	9	"	
10	Ebb	"	"	1			30.30	66	61	51		"	"	9	"	
11	"	W by N	"	1			30.30	66	59	50		"	"	9	"	
Mid.	"	NN.W	N.E	1			30.30	65	58	50		"	"	9	"	

Longitude by Chronometer from Afternoon Observations ☽

" "

Longitude by Chronometer from Observations \*

" "

Variation of the Compass by Amplitude      observed at Sunset

" "

Variation of the Compass by      at

" "

under the command of

Commander A. H. McCormick.

, U. S. Navy,

Friday December 14<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Clear and pleasant. Moderate breeze from NNE. Moonlight. Aneroid 30.40. Ebb tide. <sup>W.M.S. Cleopatra</sup> W.R. Deut

From 4 to 8 A.M. Weather clear and pleasant. Barometer steady. ~~cirro~~ cumulus clouds. Riding to flood tide. Clear hawse. The German Flagship "Stosch" came in and anchored at 7<sup>50</sup>. Aneroid Barometer 30.46.

J. Ad. Rohr, R.R. Lieut

8 A.M. to Meridian. Weather clear and pleasant. Light breeze from N.E. and S.E. Barometer steady. Riding to wind across tide. Sent an officer at 8<sup>oo</sup> to board the German Flagship "Stosch." with the usual offer of civilities. By order of Comdg Officer released John Kennedy (Boiler Master) and John McCann (2 class fire) from confinement. H.M.S. "Cleopatra" left the harbor at 9<sup>oo</sup>. Mustered at quarters at 9.30. and exercised 1<sup>st</sup> and 3<sup>rd</sup> Divisions, and Marine Guard at small arms, and 3<sup>rd</sup> Division at 60. pdr. The Commanding Officer left the ship to make official visits at 10.30. and returned at 11.00. The Rear Admiral Comdg the German Squadron, visited the ship officially at 11.15. and was received with the full official ceremonies. Aneroid at end of watch 30.40. William Spellingan (Seal) absent without leave.

P. Rees, P.R. Lieut

Meridian. to 4 P.M. Clear and pleasant. Gentle to light N.W. E. breeze. Two English steamers came in and anchored; also H.M.S. "Cleopatra" from up river. "City of Toti" and an English steamer left harbor. Received in Pay Department 1000. lbs bread. also stores in Engineers Department. Aneroid Barometer 30.34. Received official visit from officer of German Flagship "Stosch".

R.O. Biddle, Ensign

From 4 to 8 P.M. Clear and pleasant. Gentle breeze from N.W. E. Mustered at quarters at 4.45. Put on yard and mast covers, and hoisted smoke-pipe. Aneroid Barometer 30.36.

W.H. Penn

Wm J. Lieut

8 P.M. to Midnight. Weather clear and pleasant. Light breeze from NNE to N.E. swung to ebb tide at 9.30. Clear hawse. Aneroid Barometer 30.31.

J. Ad. Rohr, R.R. Lieut.

Morn 1 mid Examined and found to be correct.

Dec 19° 04' - 35" N.

Phase Full Moon.

W. H. Parker  
Lieut and Navigator.

LOG of the UNITED STATES

*Steamer "Essex," 3<sup>d</sup> Rate, 6 Guns,*  
*Anchored off Hong Kong, China*

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prog. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Ther. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M.																
1	Ebb	W.N.W.	N.N.E.	3			30.28	62	58	50		b	-	10	S	
2	"	"	"	2			30.28	62	57	49		"	-	10	"	
3	"	"	"	2			30.28	62	57	48		"	-	10	"	
<i>Swinging to flood</i>	<i>N.E.</i>	<i>"</i>	<i>"</i>	<i>3</i>	<i></i>	<i></i>	<i>30.28</i>	<i>62</i>	<i>57</i>	<i>48</i>	<i></i>	<i>"</i>	<i>-</i>	<i>10</i>	<i>"</i>	
5	"	"	"	1			30.28	60	57	48		"	-	10	"	
6	"	"	"	1			30.28	60	57	48		bC	cir	9	"	
<i>Standing up Canton River</i>	<i>N.W.</i>	<i>"</i>	<i>"</i>	<i>1</i>	<i></i>	<i></i>	<i>30.30</i>	<i>60</i>	<i>57</i>	<i>48</i>	<i></i>	<i>"</i>	<i>"</i>	<i>9</i>	<i>" Steaming</i>	
8	"	"	"	1			30.32	58	53	47		"	"	9	"	
9	8 2	"	"	3			30.34	57	55	48		"	"	9	"	
10	8 4	"	"	3			30.36	59	56	48		"	"	9	"	
11	8 0	"	"	3			30.37	60	57	48		"	"	9	"	
Noon.	8 2	"	"	3			30.37	60	57	48		b	-	10	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

•

"

Longitude by D. R. at Noon

•

"

Latitude by Observations at Noon ☺

•

"

Longitude by Chronometer from Forenoon Observations ☺

•

"

Current during the time      knots      fms. per hour, setting to the

1073 Variation of the Compass by Amplitude ☺ observed at Sunrise

•

"

Variation of the Compass by Azimuth ☺ observed at

•

"

Water expended during the preceding 24 hours

270

gallons.

Water                          during the preceding 24 hours

"

Water remaining on hand fit for use at Noon

2000

"

Coal consumed during the preceding 24 hours

6 tons

lbs.

Coal remaining on hand at Noon

149 " 00

"

P. M.																
1	8 2	"	N by W	2			30.32	61	58	49	63	b	-	10	S	
2	8 4	"	S. S. W.	2			30.28	61	61	49	63	bC	cir	9	"	
3	8 5	"	W.N.W.	2			30.25	62	62	51	63	"	"	9	"	
4	7 6	"	"	2			30.25	62	62	51	63	"	"	9	"	
<i>Swinging to Ebb</i>	<i>W.S.W.</i>	<i>Variable</i>	<i>0-1</i>	<i></i>	<i></i>	<i></i>	<i>30.27</i>	<i>64</i>	<i>61</i>	<i>52</i>	<i>-</i>	<i>"</i>	<i>cir streak</i>	<i>8</i>	<i>"</i>	
6	"	"	"	0-1			30.27	64	62	54	-	"	"	8	"	
7	"	<i>W.N.W.</i>	"	0-1			30.28	63	61	54	-	"	cir	9	"	
8	"	"	"	0-1			30.28	63	59	54	-	"	"	9	"	
9	"	"	Balm	0-1			30.28	63	59	54	-	"	"	9	"	
10	<i>Swinging</i>	<i>S.E.</i>	<i>Variable</i>	<i>0-1</i>	<i></i>	<i></i>	<i>30.28</i>	<i>63</i>	<i>59</i>	<i>54</i>	<i>-</i>	<i>bcm</i>	<i>"</i>	<i>8</i>	<i>"</i>	
11	<i>Flood</i>	<i>S.S.E.</i>	"	0-1			30.28	63	59	54	-	"	"	9	"	
Mid.	"	"	"	0-1			30.30	63	59	54	-	"	"	9	"	

Longitude by Chronometer from Afternoon Observations ☺

•

"

Longitude by Chronometer from Observations \*

•

"

Variation of the Compass by Amplitude      observed at Sunset

•

"

Variation of the Compass by      at

•

"

under the command of

Commander A. H. McCormick

, U. S. Navy,

Saturday December 15<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 P.M. Weather clear and pleasant. Light breeze from N.E. Barometer steady. Bright moonlight. Aneroid at end of watch 30.38. Started fires for steaming at 3.00 under six boilers.

A. H. McCormick Lieut

4 to 8 A.M. Clear and pleasant. Light airs from N.N.E. and N.W. At 5.30 called all hands aboard ship; hove up port anchor, and in to 15 fathoms chain on starboard anchor. At 6<sup>20</sup> Pilot came on board. Got underway at 6<sup>30</sup> and stood up Canton River under directions of pilot. H. M. S. "Swift," got underway and went up river. Draft of ship forward 13 ft 6 $\frac{1}{2}$  in. Aft 15 ft 9 in. Revs. 41.5. Steam 45 lbs. Av. Bar. 30.46.

R. V. Parker Ensign.

8 A.M. to Meridian. Clear and cool. Light breeze from N.W. Barometer rising. Standing up Canton River under guidance of Pilot. At 11<sup>45</sup> ran the broadside guns forward to turn ship for crossing the bar. Aneroid Barometer 30.38. Steam 51 lbs. Rev 47. William Spellman (Seas) absent without leave.

W. W. Kimball Lieut

Meridian to 4 P.M. Clear and pleasant. Light variable airs. Standing up Canton river in charge of Pilot. At 3<sup>oo</sup> slowed down engines and passed barrier shoal. At 3<sup>20</sup> called all hands to bring ship to an anchor. At 3.35 came to with starboard anchor. At 3.50 shifted anchorage and moored with 45 fathoms each chain flood tide. Aneroid at end of watch 30.38. W. W. Kimball Lieut

W. R. Parker Lieut

4 to 8 P.M. Clear and pleasant, light variable airs. At 4<sup>oo</sup> let go anchor off Shamoon, in 3  $\frac{1}{2}$  fms water veering to 90 fathoms on starboard chain. Let go Port anchor, and moored ship with 45 fathoms on each chain. Put covers on fore and aft sails. Banked two fires, and kept two for distilling fresh water. Received official visits from British, French, and German men-of-war in port; also from Comdg Officer of U.S.S. "Poniatow." A Chinese gun boat came up the river and anchored. Swung to the flood tide at 4.45. Crossed in hawse. At 4<sup>40</sup> sounded the Assembly and had Battalion formation. Aneroid Barometer 30.38.

W. W. Kimball Lieut

From 8 P.M. to Midnight. Clear and cool. Light variable airs. Bright moonlight. Slack water at 9.45. At 10<sup>oo</sup> ship finished swinging to flood. Distilling. Aneroid Barometer 30.40.

W. W. Kimball Lieut

W. R. Parker Lieut

Moon. 1 mid Examined and found to be correct.

Dec 19<sup>th</sup> 47' - 47" N

Phase Full. Moon.

W. H. Parker  
Lieut and Navigator.

LOG of the UNITED STATES

*Steamer "Essex."*, 3<sup>d</sup> Rate, 6 Guns,  
Anchored off Canton, China

Hour.	Knots.	Fathoms.	Courses steered.	WINDS.		Leeway.	BAROMETER.		TEMPERATURE.			State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.	Record of the sail the vessel is under at end of watch.
				Direction.	Force.		Height in inches.	Therm. att'd.	Air Dry Bulb.	Air Wet Bulb.	Water at surface.					
A. M																
1	Flood	S.S.E.	North		1		30.26	57	55	50		lc	civ	9	S	
2	"	"			0-1		30.26	58	55	50		"	"	9	"	
3	"	"			0-1		30.26	55	54	49		"	"	9	"	
4	"	"			0-1		30.26	55	54	49		"	"	9	"	
5	Swinging to Ebb	West			0-1		30.26	54	52	48		"	"	9	"	
6	"	"			0-1		30.27	53	51	47		"	cirstrat	8	"	
7	"	"			0-1		30.30	54	52	49		bcm	"	8	"	
8	"	"	Calm		0		30.30	54	52	49		"	"	8	"	
9	"	"			0		30.32	55	54	50		"	"	8	"	
10	"	"	N.N.W.		1		30.34	57	56	57		lc	civ	9	"	
11	"	"	Calm		0		30.34	57	57	57		"	"	9	"	
Noon.	"	N.N.W.	N.N.W.		1		30.32	58	59	52		"	"	9	"	

Distance run by Log since preceding Noon

knots

fathoms.

Latitude by D. R. at Noon

°

"

Longitude by D. R. at Noon

°

"

Latitude by Observations at Noon ☽

°

"

Longitude by Chronometer from Forenoon Observations ☽

°

"

Current during the time      knots      fms. per hour, setting to the

°

"

Variation of the Compass by Amplitude ☽ observed at Sunrise

°

"

Variation of the Compass by Azimuth ☽ observed at

°

"

Water expended during the preceding 24 hours

300

gallons.

Water distilled      during the preceding 24 hours

1400

"

Water remaining on hand fit for use at Noon

3100

"

Coal consumed during the preceding 24 hours

5

tons

200

lbs.

Coal remaining on hand at Noon

148

"

2040

"

P. M.																	
1	Flood	S.E.	N.N.W.	1		30.30	62	63	55		lc	-	10	S			
2	"	E.S.E.	Calm	0		30.30	64	64	55		lc	civ	9	"			
3	"	"	"	0		30.30	64	64	55		"	"	9	"			
4	"	"	"	0		30.28	64	64	55		"	"	9	"			
5	"	"	"	0		30.28	67	64	55		"	"	9	"			
6	Ebb	W by N.		0		30.26	69	63	58		"	"	9	"			
7	"	"	"	0		30.26	66	63	59		"	"	9	"			
8	"	"	W by N.	0-1		30.26	66	63	59		"	circum	7	"			
9	"	"	Calm	0		30.27	65	62	58		bcm	civ	9	"			
10	"	"	"	0		30.27	65	61	58		"	"	9	"			
11	Swinging to Flood	E.N.E.		0		30.27	64	60	57		"	"	9	"			
Mid.	"	E. by S.		0		30.27	63	60	56		"	"	9	"			

Longitude by Chronometer from Afternoon Observations ☽

°

"

Longitude by Chronometer from Observations \*

°

"

Variation of the Compass by Amplitude      observed at Sunset

°

"

Variation of the Compass by      at

°

"

under the command of

Commander A. H. McCormick

, U. S. Navy,

Sunday December 15<sup>th</sup>

, 1883.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M. Weather clear and pleasant. Light breeze from North. Barometer steady. Distilling water. A vessel of war came in anchored astern of us at 2.45. Aneroid Barometer 30.31. Riding to flood tide. Follow in hawse.

4 to 8 A.M. Clear and pleasant. Light airs from Northward. At 4<sup>45</sup>. H. B. M. Gunboat "Linnet," got under way and left the harbor. At 4<sup>40</sup> commenced swinging to the ebb, got around at 5.30. Cleared hawse. At 7<sup>00</sup> made dress signal "all blue." Received on board for use of crew 92 lbs Fresh Beef, and vegetables, and 74 loaves Bread. Aneroid Barometer 30.39.

W. M. Dunn

W. M. Dunn

8 A.M. to Meridian. Clear and pleasant. Light variable airs and calms. At 9.30 Mustered at quarters; Comdg Officer inspected ship and crew. Ebb tide during watch. William Spellman (Seas) absent without leave. Clear hawse. Aneroid Barometer 30.44. Boarded the French Man-of-War "Volta" from Hong Kong.

W. M. Dunn

Meridian to 4 P.M. Weather clear and pleasant. Swung to flood tide at 1<sup>00</sup>. Clear Hawse. At 1<sup>00</sup> "Juniper" made signal Interrogatory. 4886. answered and made signal No 904. Aneroid Barometer 30.36.

W. M. Dunn

W. M. Dunn

From 4 to 8 P.M. Weather hazy and pleasant, with light variable airs from Wby N. At 3.15 slack water, and at 5.45 finished swinging to the Ebb tide. Banked fires under four forward boilers. At 4<sup>00</sup> called "all hands out launch." Aneroid Barometer at end of watch 30.38.

W. M. Dunn

8 P.M. to Midnight. Clear and pleasant. Calm. Barometer Steady. Cirrus clouds. Swung to flood at 11<sup>00</sup>. Follow in hawse. Aneroid Barometer 30.38.

W. M. Dunn

Moon. 1 mid Examined and found to be correct.

Dec 15<sup>th</sup> 26.03" N

Phase. Full Moon.

W. S. Parker  
Lieut and Navigator.

182

W. S. - 182

January 1st 1821

W. S. - 1821

Cost of 3<sup>rd</sup> Rate

18 m.      6.00 Schillers.  
Cakes      3.00  
2 eggs      1.00  
Pork      3.00  
Veal      3.00  
Butter      1.00

Almond

60      200      7.00  
15      50      1.00  
25      100      2.00  
60      200      7.00  
60      200      7.00  
Total      15.00  
15

